

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
 Data File : BG064638.D
 Acq On : 30 Oct 2025 12:58
 Operator : RC/JU
 Sample : PB170286BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170286BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Supervised By :mohammad
 ahmed
 11/05/2025

Quant Time: Nov 04 04:23:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	30784	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	124677	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	97021	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	242858	20.000	ng	0.00
76) Chrysene-d12	21.854	240	288177	20.000	ng	0.00
86) Perylene-d12	25.197	264	302049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	222225	121.168	ng	0.00
7) Phenol-d6	7.359	99	293062	116.449	ng	0.00
23) Nitrobenzene-d5	9.380	82	194877	93.881	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	201434	143.850	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	511406	79.896	ng	0.00
79) Terphenyl-d14	20.168	244	1213413	79.462	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	24696	30.415	ng	92
3) Pyridine	3.987	79	71577	29.354	ng	95
4) n-Nitrosodimethylamine	3.898	42	50644	38.730	ng	92
6) Aniline	7.529	93	88719	25.907	ng	96
8) 2-Chlorophenol	7.776	128	83962	43.738	ng	96
9) Benzaldehyde	7.336	77	15716	11.439	ng	98
10) Phenol	7.383	94	108355	38.932	ng	94
11) bis(2-Chloroethyl)ether	7.623	93	73434	35.887	ng	94
12) 1,3-Dichlorobenzene	8.111	146	86606	39.198	ng	94
13) 1,4-Dichlorobenzene	8.252	146	85572	38.090	ng	97
14) 1,2-Dichlorobenzene	8.575	146	83239	38.414	ng	95
15) Benzyl Alcohol	8.446	79	82132	39.576	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.746	45	192190	35.806	ng	99
17) 2-Methylphenol	8.646	107	75352	40.777	ng	95
18) Hexachloroethane	9.321	117	32047	40.649	ng	95
19) n-Nitroso-di-n-propyla...	9.022	70	66214	38.070	ng	97
20) 3+4-Methylphenols	8.975	107	101160	38.927	ng	98
22) Acetophenone	9.039	105	138177	40.543	ng	97
24) Nitrobenzene	9.421	77	99054	43.873	ng	99
25) Isophorone	9.950	82	184933	37.128	ng	98
26) 2-Nitrophenol	10.144	139	41607	47.778	ng	90
27) 2,4-Dimethylphenol	10.191	122	83626	45.136	ng	96
28) bis(2-Chloroethoxy)met...	10.432	93	108016	38.088	ng	97
29) 2,4-Dichlorophenol	10.679	162	88062	44.165	ng	95
30) 1,2,4-Trichlorobenzene	10.902	180	95114	41.983	ng	99
31) Naphthalene	11.096	128	262425	37.964	ng	100
32) Benzoic acid	10.309	122	63329	45.241	ng	96
33) 4-Chloroaniline	11.184	127	52856	19.673	ng	97
34) Hexachlorobutadiene	11.390	225	72053	40.668	ng	94
35) Caprolactam	11.942	113	29879m	39.070	ng	
36) 4-Chloro-3-methylphenol	12.289	107	100287	41.843	ng	99
37) 2-Methylnaphthalene	12.688	142	175641	34.608	ng	99
38) 1-Methylnaphthalene	12.906	142	188034	37.426	ng	92
40) 1,2,4,5-Tetrachloroben...	13.052	216	140180	43.052	ng	99
41) Hexachlorocyclopentadiene	13.035	237	172388	117.624	ng	100
43) 2,4,6-Trichlorophenol	13.276	196	87768	47.123	ng	96

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Manual Integrations
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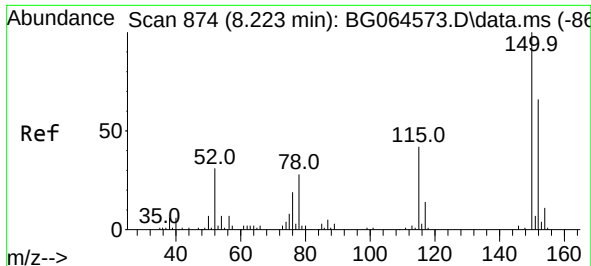
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

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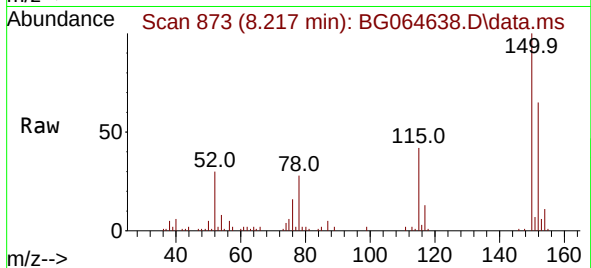
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	96559	44.925	ng	96
46) 1,1'-Biphenyl	13.681	154	291306	42.233	ng	97
47) 2-Chloronaphthalene	13.722	162	204969	39.368	ng	100
48) 2-Nitroaniline	13.910	65	79131	45.457	ng	94
49) Acenaphthylene	14.568	152	366587	44.639	ng	99
50) Dimethylphthalate	14.286	163	300984	40.542	ng	99
51) 2,6-Dinitrotoluene	14.398	165	61387	49.972	ng	99
52) Acenaphthene	14.903	154	253184	45.125	ng	96
53) 3-Nitroaniline	14.721	138	42706	33.472	ng	94
54) 2,4-Dinitrophenol	14.927	184	83799	109.290	ng	# 43
55) Dibenzofuran	15.238	168	366959	40.455	ng	99
56) 4-Nitrophenol	15.021	139	113344	95.819	ng	90
57) 2,4-Dinitrotoluene	15.179	165	91677	48.378	ng	# 100
58) Fluorene	15.884	166	290135	40.956	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.455	232	102856	50.044	ng	99
60) Diethylphthalate	15.644	149	302705	39.933	ng	98
61) 4-Chlorophenyl-phenyle...	15.873	204	161828	40.706	ng	97
62) 4-Nitroaniline	15.884	138	67726	47.714	ng	94
63) Azobenzene	16.161	77	278632	40.061	ng	100
65) 4,6-Dinitro-2-methylph...	15.943	198	57652	53.276	ng	94
66) n-Nitrosodiphenylamine	16.078	169	272742	41.575	ng	98
67) 4-Bromophenyl-phenylether	16.766	248	119558	41.543	ng	99
68) Hexachlorobenzene	16.889	284	137259	41.805	ng	95
69) Atrazine	17.018	200	118963	42.139	ng	96
70) Pentachlorophenol	17.224	266	191995	93.775	ng	97
71) Phenanthrene	17.618	178	536917	40.428	ng	99
72) Anthracene	17.712	178	543314	40.216	ng	100
73) Carbazole	17.970	167	491851	41.286	ng	99
74) Di-n-butylphthalate	18.528	149	543306	39.438	ng	99
75) Fluoranthene	19.615	202	691810	41.581	ng	98
77) Benzidine	19.780	184	165366	25.613	ng	99
78) Pyrene	19.974	202	715895	38.023	ng	99
80) Butylbenzylphthalate	20.849	149	246800	43.371	ng	95
81) Benzo(a)anthracene	21.830	228	777040	40.666	ng	99
82) 3,3'-Dichlorobenzidine	21.736	252	194405	30.468	ng	99
83) Chrysene	21.901	228	730189	40.161	ng	98
84) Bis(2-ethylhexyl)phtha...	21.742	149	364913	42.916	ng	99
85) Di-n-octyl phthalate	23.000	149	638034	44.506	ng	98
87) Indeno(1,2,3-cd)pyrene	29.028	276	962160	43.302	ng	# 96
88) Benzo(b)fluoranthene	24.134	252	801805	43.290	ng	99
89) Benzo(k)fluoranthene	24.204	252	798213	43.067	ng	99
90) Benzo(a)pyrene	25.044	252	768387	45.132	ng	98
91) Dibenzo(a,h)anthracene	29.104	278	789221	43.720	ng	97
92) Benzo(g,h,i)perylene	30.232	276	779694	45.214	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

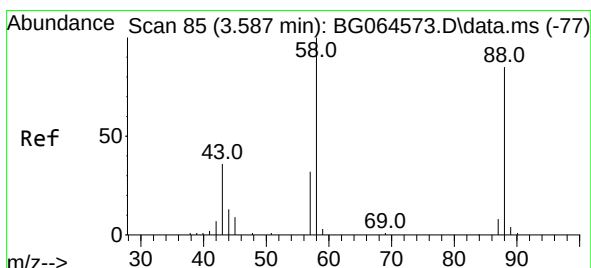
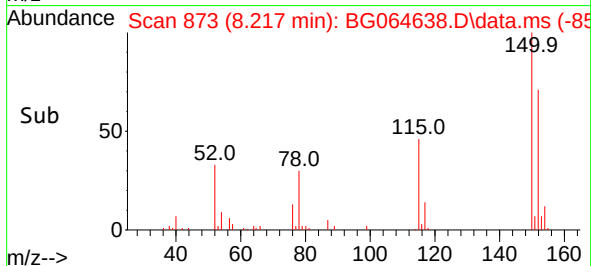
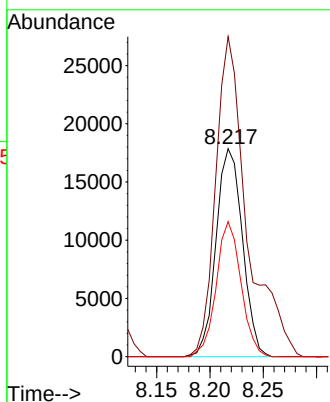


Tgt Ion:152 Resp: 30784
Ion Ratio Lower Upper
152 100
150 153.8 122.2 183.4
115 64.9 50.8 76.2

Manual Integrations
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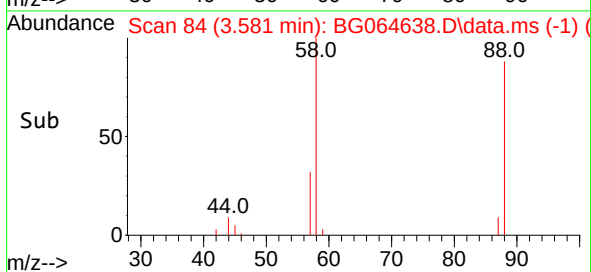
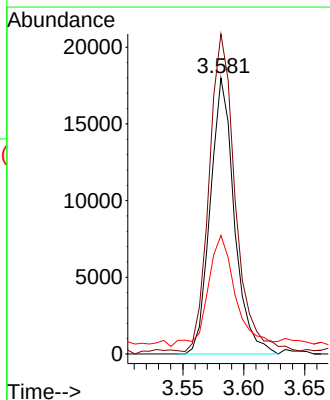
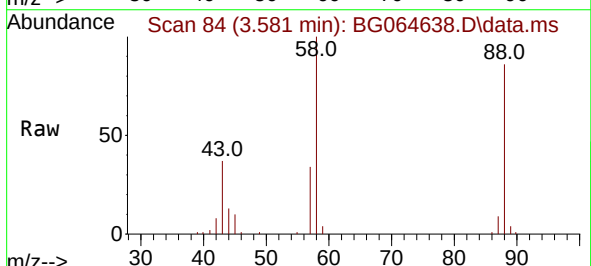
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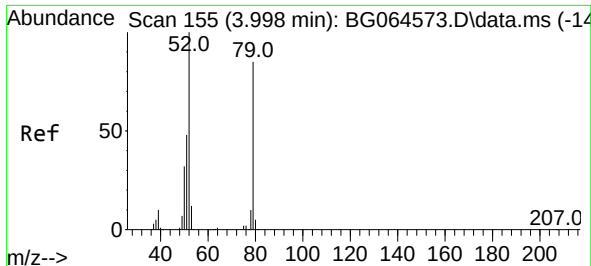
Supervised By :mohammad
ahmed
11/05/2025



#2
1,4-Dioxane
Concen: 30.415 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

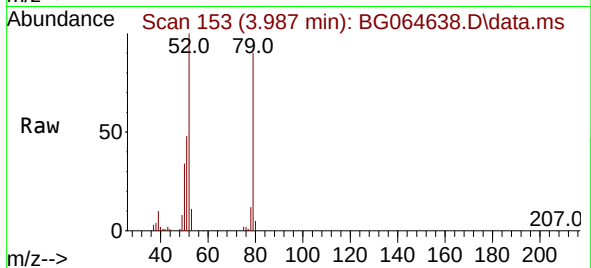
Tgt Ion: 88 Resp: 24696
Ion Ratio Lower Upper
88 100
58 123.6 92.4 138.6
43 46.2 33.0 49.6





#3
Pyridine
Concen: 29.354 ng
RT: 3.987 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
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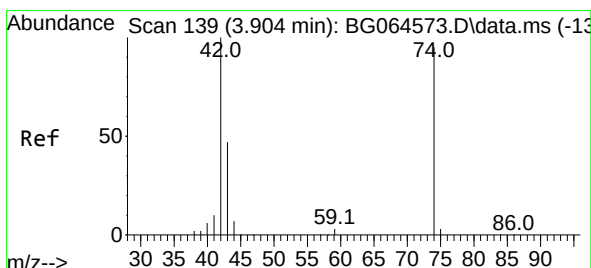
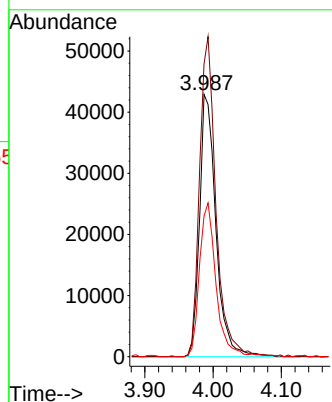


Tgt Ion: 79 Resp: 7157
Ion Ratio Lower Upper
79 100
52 111.6 94.2 141.2
51 53.7 46.1 69.1

Manual Integrations
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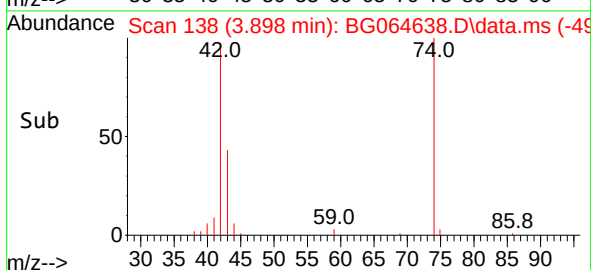
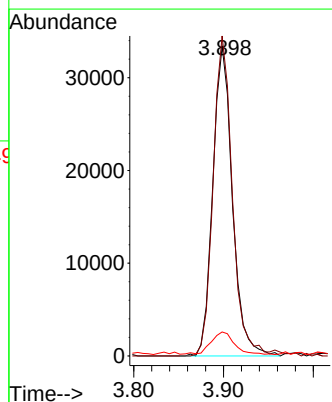
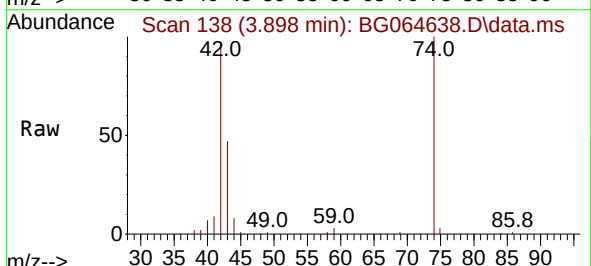
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

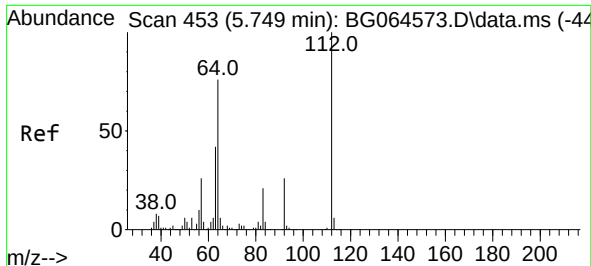
Supervised By :mohammad
ahmed
11/05/2025



#4
n-Nitrosodimethylamine
Concen: 38.730 ng
RT: 3.898 min Scan# 138
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

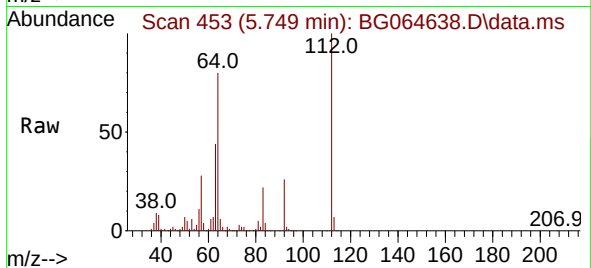
Tgt Ion: 42 Resp: 50644
Ion Ratio Lower Upper
42 100
74 103.3 76.1 114.1
44 7.8 6.3 9.5





#5
2-Fluorophenol
Concen: 121.168 ng
RT: 5.749 min Scan# 453
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

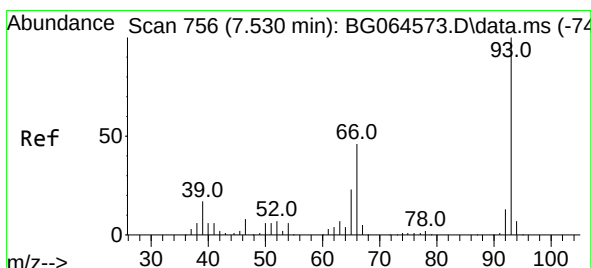
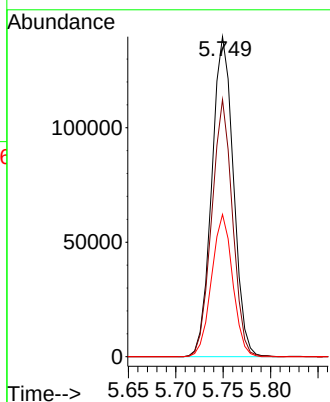
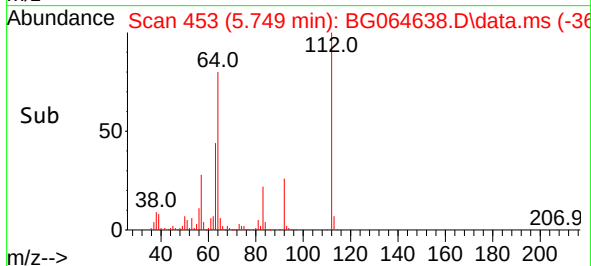


Tgt Ion:112 Resp: 222225
Ion Ratio Lower Upper
112 100
64 80.3 60.7 91.1
63 44.4 33.4 50.0

Manual Integrations
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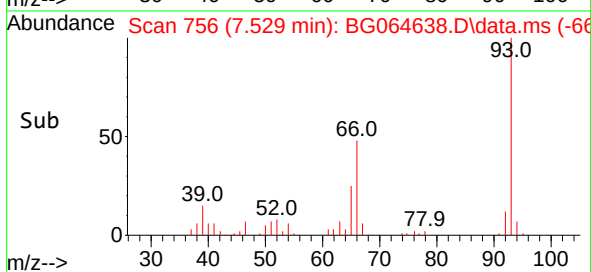
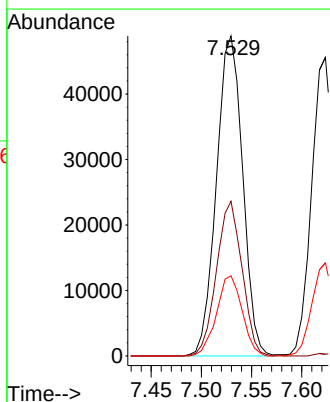
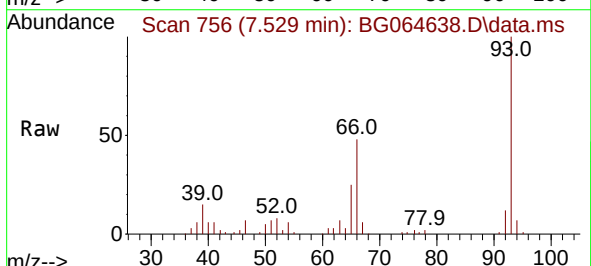
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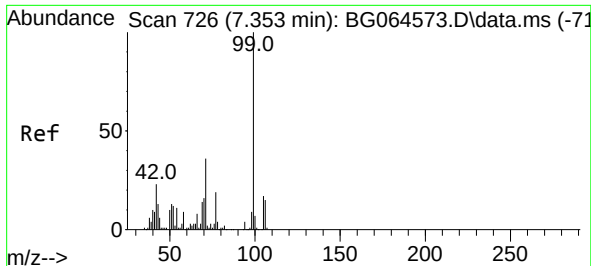
Supervised By :mohammad
ahmed
11/05/2025



#6
Aniline
Concen: 25.907 ng
RT: 7.529 min Scan# 756
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

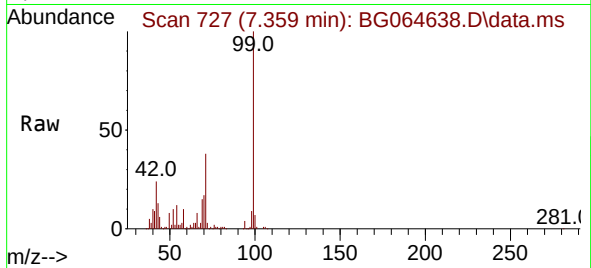
Tgt Ion: 93 Resp: 88719
Ion Ratio Lower Upper
93 100
66 48.3 37.0 55.6
65 25.1 18.3 27.5





#7
Phenol-d6
Concen: 116.449 ng
RT: 7.359 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

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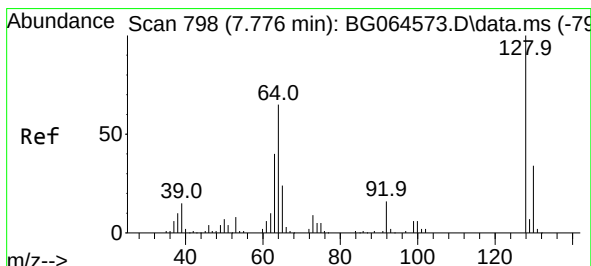
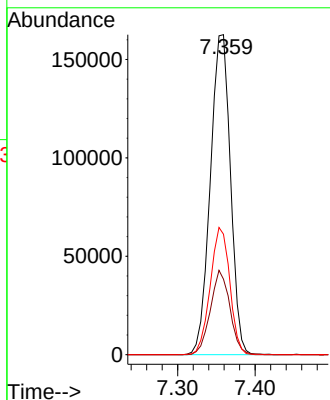
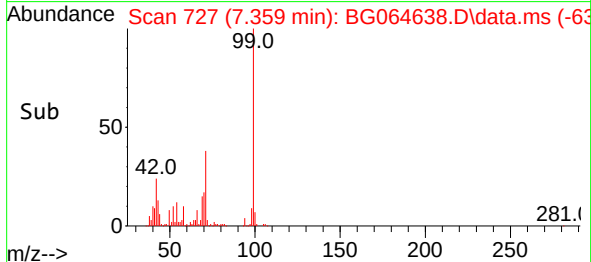


Tgt Ion: 99 Resp: 293062
Ion Ratio Lower Upper
99 100
42 23.6 18.3 27.5
71 37.6 28.6 43.0

Manual Integrations
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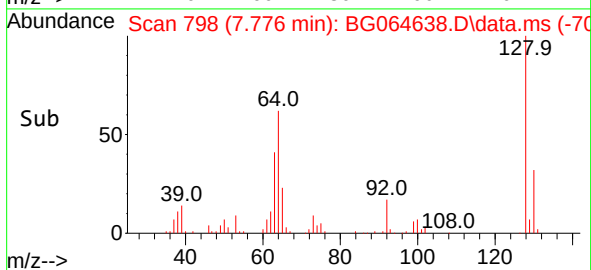
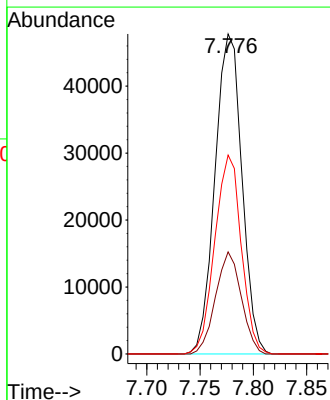
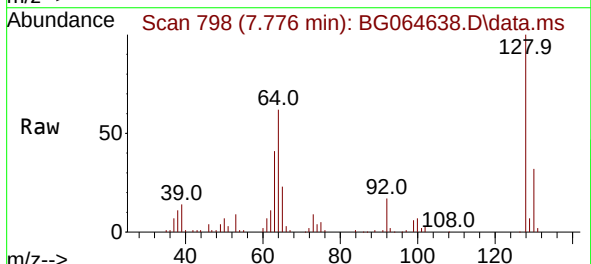
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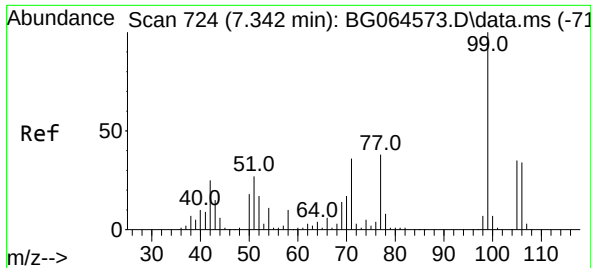
Supervised By :mohammad
ahmed
11/05/2025



#8
2-Chlorophenol
Concen: 43.738 ng
RT: 7.776 min Scan# 798
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:128 Resp: 83962
Ion Ratio Lower Upper
128 100
130 31.9 13.5 53.5
64 62.1 45.2 85.2





#9
Benzaldehyde
Concen: 11.439 ng
RT: 7.336 min Scan# 710
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

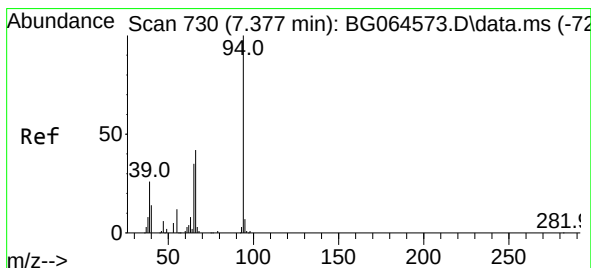
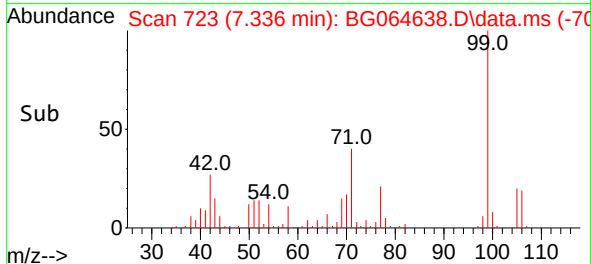
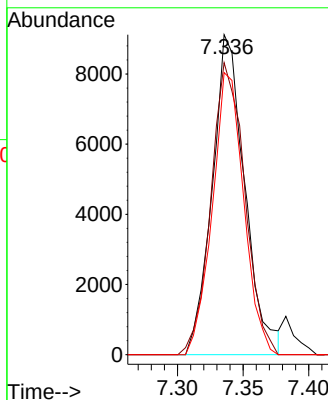
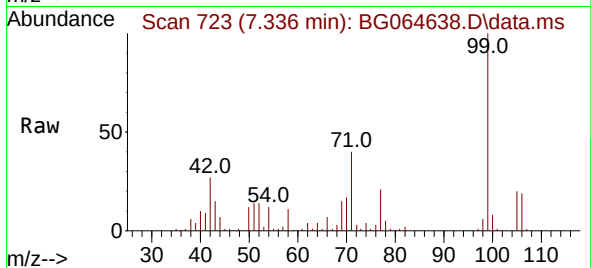
Instrument :
BNA_G
ClientSampleId :
PB170286BS

Tgt Ion: 77 Resp: 15710
Ion Ratio Lower Upper
77 100
105 91.3 72.9 112.9
106 88.1 70.8 110.8

Manual Integrations
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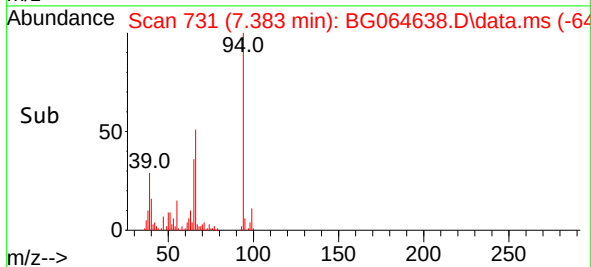
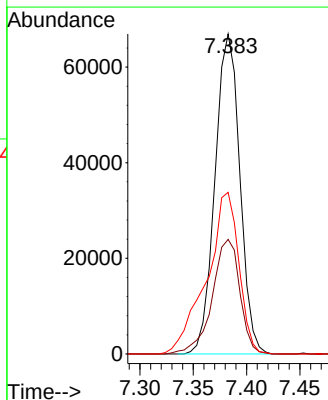
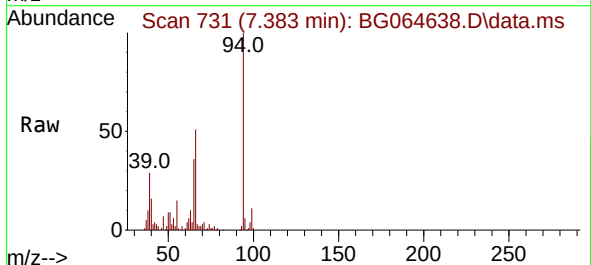
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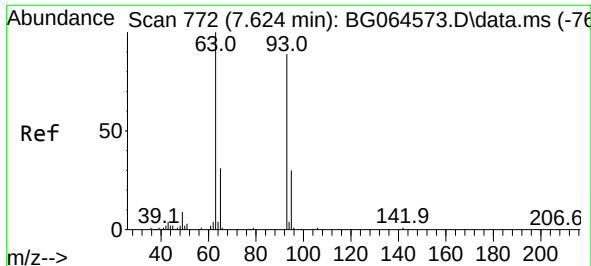
Supervised By :mohammad
ahmed
11/05/2025



#10
Phenol
Concen: 38.932 ng
RT: 7.383 min Scan# 731
Delta R.T. 0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion: 94 Resp: 108355
Ion Ratio Lower Upper
94 100
65 35.8 15.8 55.8
66 50.5 24.0 64.0





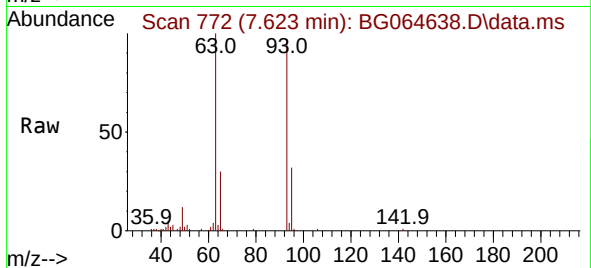
#11
bis(2-Chloroethyl)ether
Concen: 35.887 ng
RT: 7.623 min Scan# 772
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

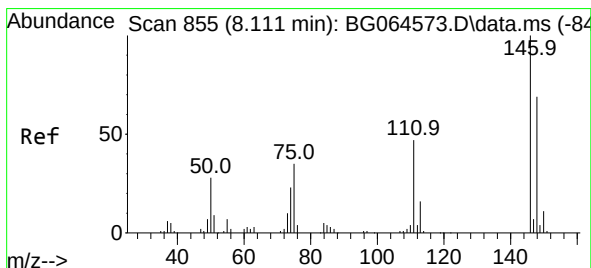
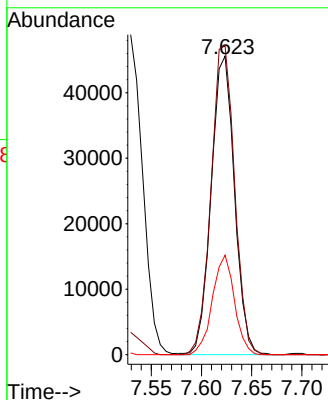
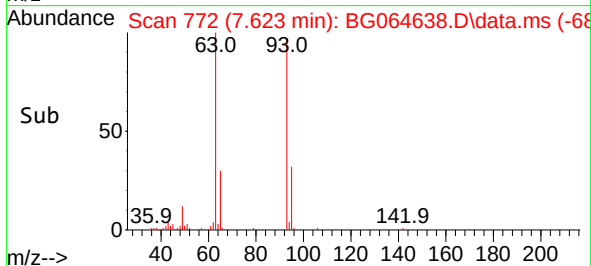


Tgt Ion: 93 Resp: 73434
Ion Ratio Lower Upper
93 100
63 103.5 91.3 131.3
95 33.3 13.3 53.3

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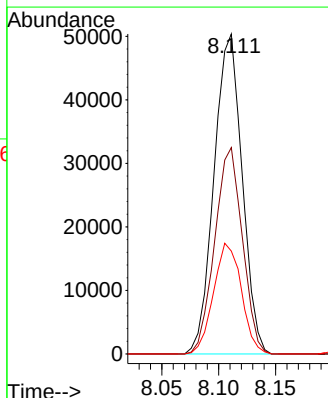
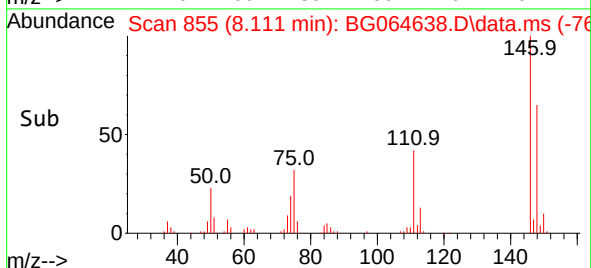
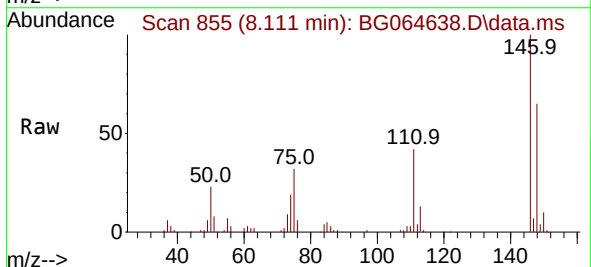
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

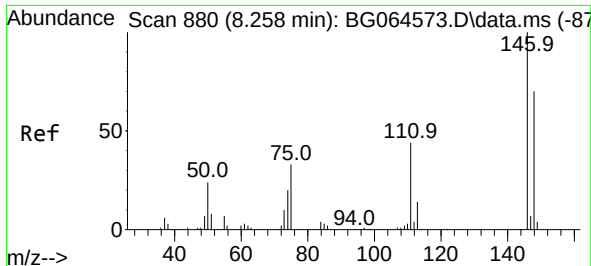
Supervised By :mohammad
ahmed
11/05/2025



#12
1,3-Dichlorobenzene
Concen: 39.198 ng
RT: 8.111 min Scan# 855
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

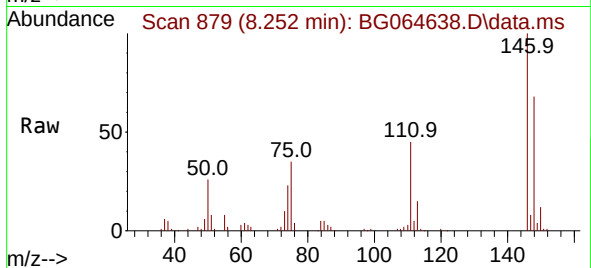
Tgt Ion:146 Resp: 86606
Ion Ratio Lower Upper
146 100
148 64.5 55.3 82.9
75 32.1 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 38.090 ng
RT: 8.252 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

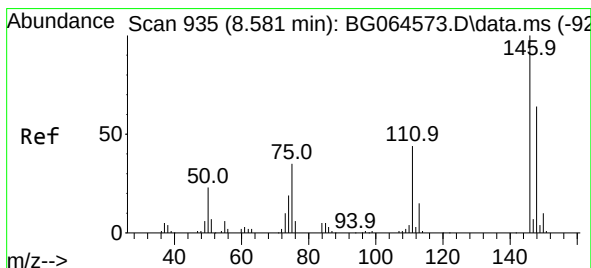
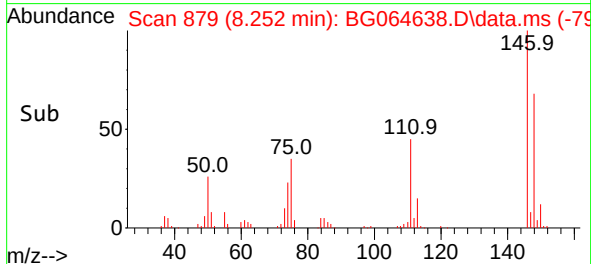
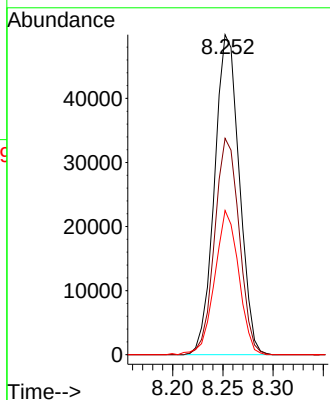


Tgt Ion:146 Resp: 85572
Ion Ratio Lower Upper
146 100
148 67.6 56.2 84.4
111 45.0 35.4 53.0

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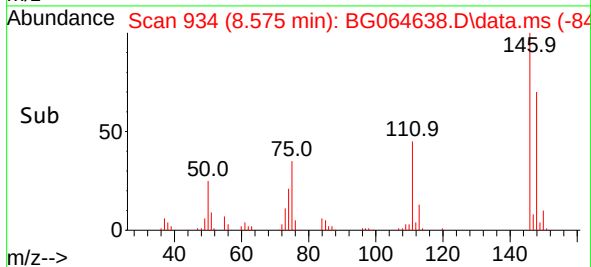
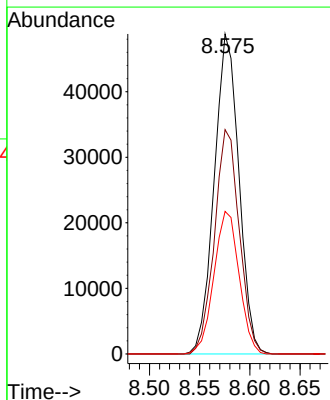
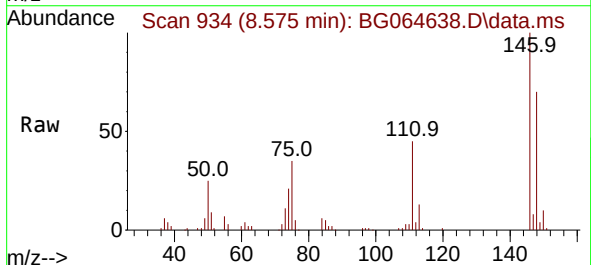
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

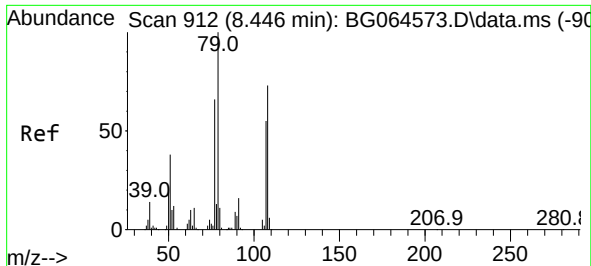
Supervised By :mohammad
ahmed
11/05/2025



#14
1,2-Dichlorobenzene
Concen: 38.414 ng
RT: 8.575 min Scan# 934
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

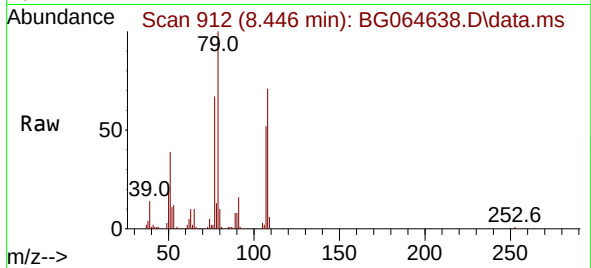
Tgt Ion:146 Resp: 83239
Ion Ratio Lower Upper
146 100
148 70.1 51.5 77.3
111 44.5 35.0 52.6





#15
Benzyl Alcohol
Concen: 39.576 ng
RT: 8.446 min Scan# 912
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

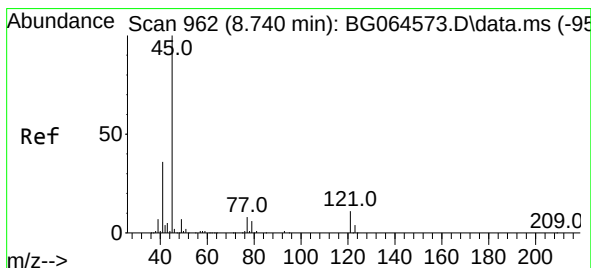
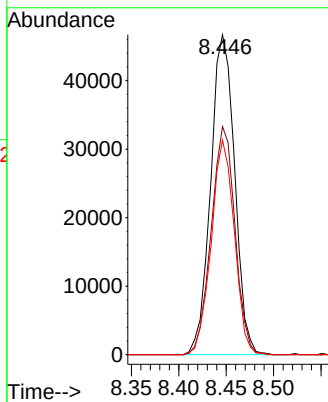
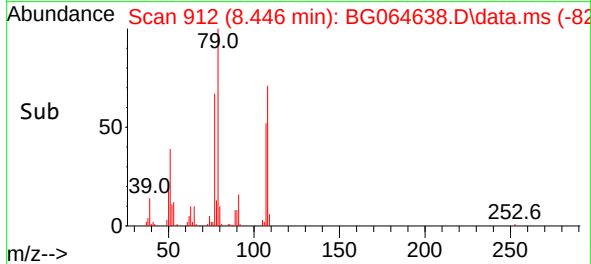


Tgt Ion: 79 Resp: 8213
Ion Ratio Lower Upper
79 100
108 71.3 58.1 87.1
77 67.0 52.8 79.2

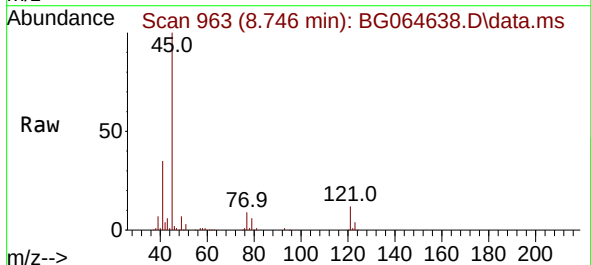
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

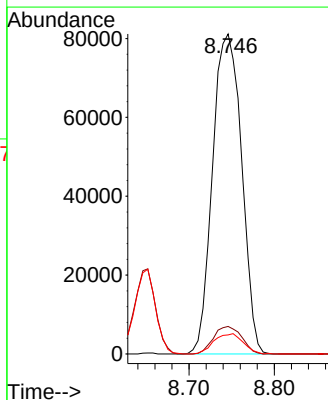
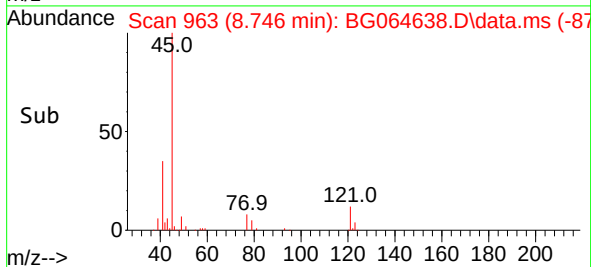
Supervised By :mohammad
ahmed
11/05/2025

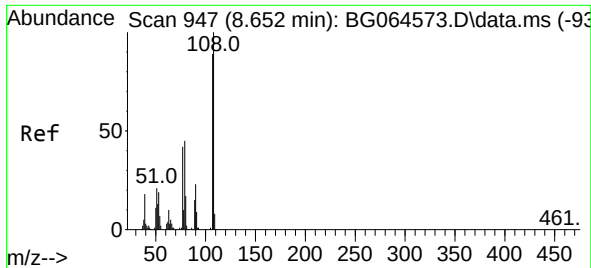


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.806 ng
RT: 8.746 min Scan# 963
Delta R.T. 0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



Tgt Ion: 45 Resp: 192190
Ion Ratio Lower Upper
45 100
77 8.6 0.0 28.5
79 6.0 0.0 25.6





#17
2-Methylphenol
Concen: 40.777 ng
RT: 8.646 min Scan# 947
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

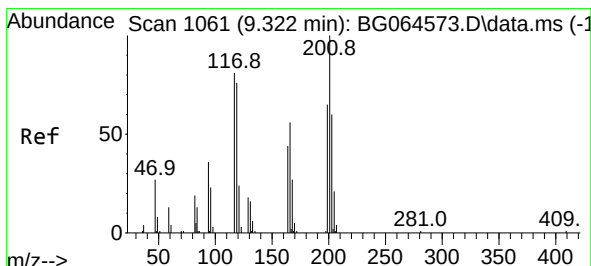
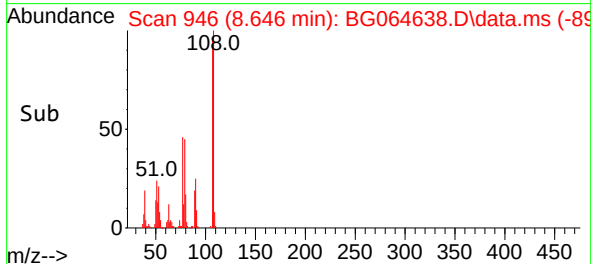
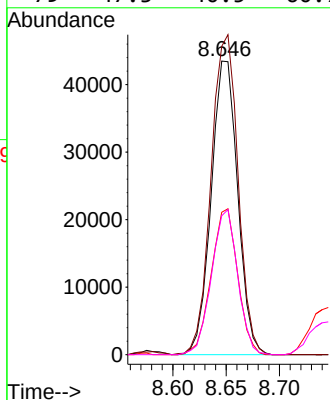
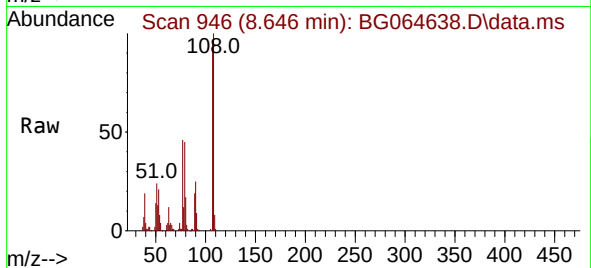
PB170286BS

Tgt Ion:107 Resp: 7535
Ion Ratio Lower Upper
107 100
108 105.0 90.0 135.0
77 48.5 37.8 56.8
79 47.3 40.5 60.7

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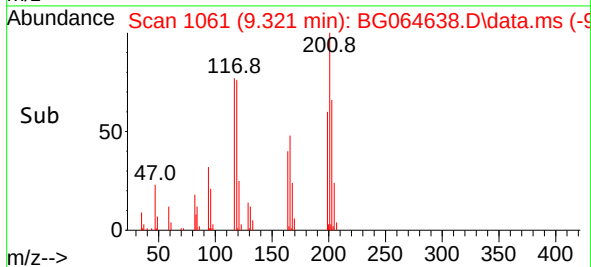
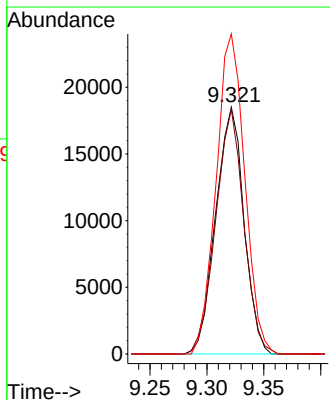
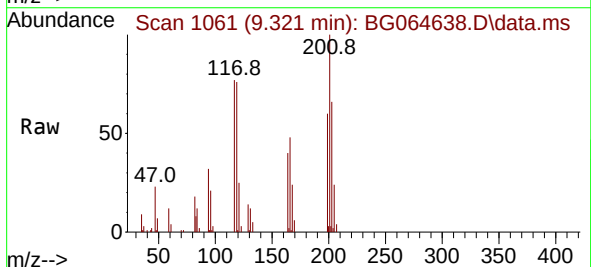
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

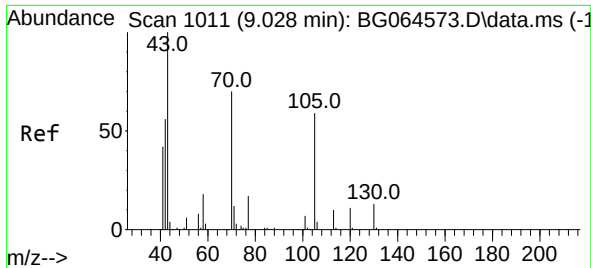
Supervised By :mohammad
ahmed
11/05/2025



#18
Hexachloroethane
Concen: 40.649 ng
RT: 9.321 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:117 Resp: 32047
Ion Ratio Lower Upper
117 100
119 99.9 75.4 113.2
201 129.7 99.2 148.8





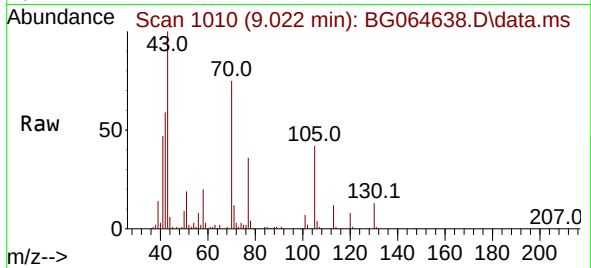
#19
n-Nitroso-di-n-propylamine
Concen: 38.070 ng
RT: 9.022 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS



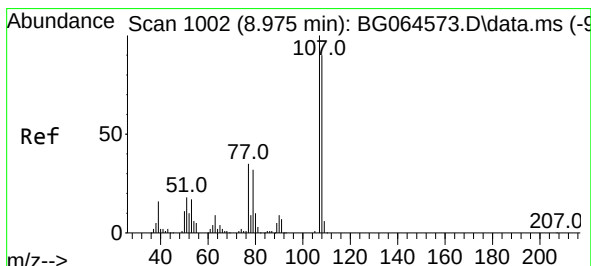
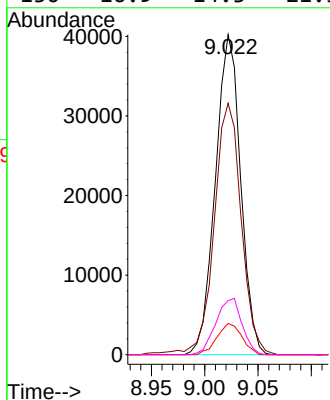
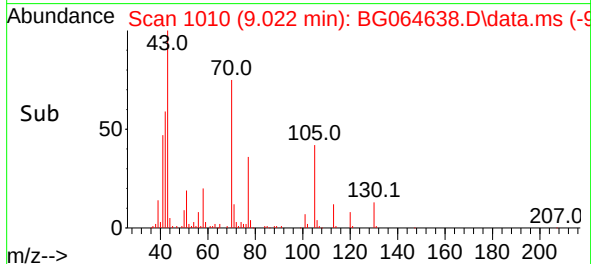
Tgt Ion: 70 Resp: 66214
Ion Ratio Lower Upper
70 100
42 78.5 65.2 97.8
101 9.8 7.9 11.9
130 16.9 14.3 21.5

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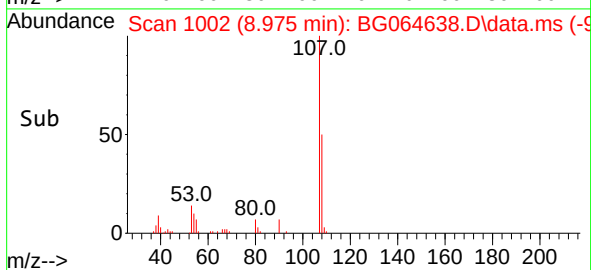
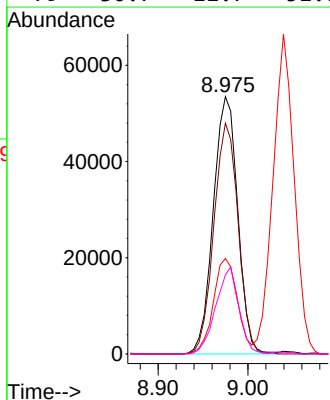
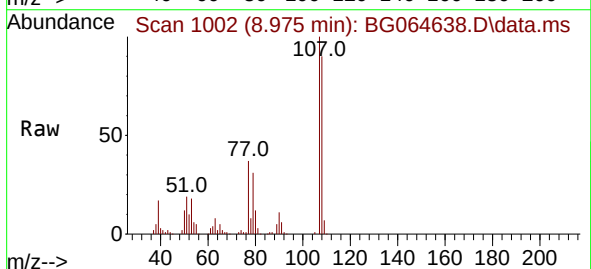
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

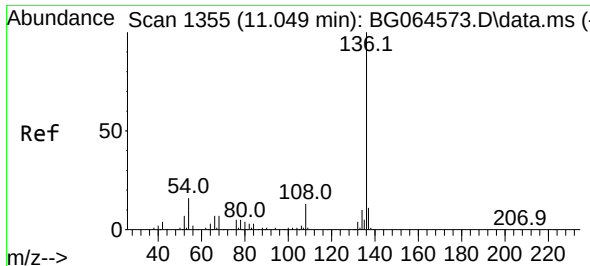
Supervised By :mohammad
ahmed
11/05/2025



#20
3+4-Methylphenols
Concen: 38.927 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:107 Resp: 101160
Ion Ratio Lower Upper
107 100
108 89.7 70.3 110.3
77 37.0 14.6 54.6
79 30.7 11.7 51.7





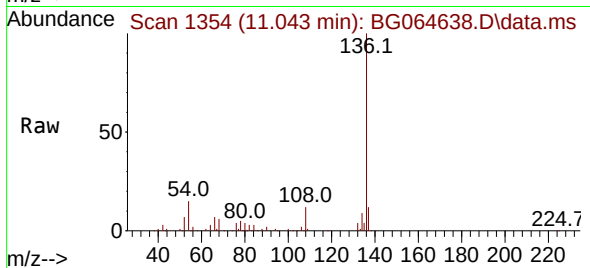
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

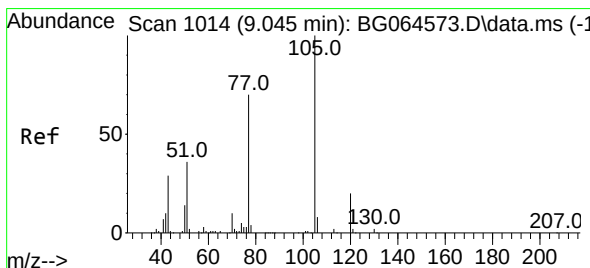
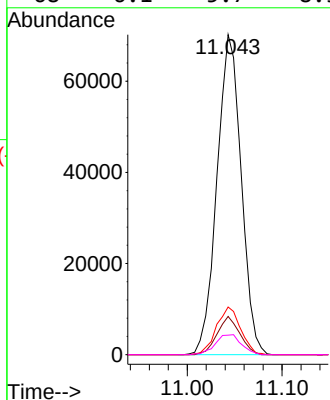
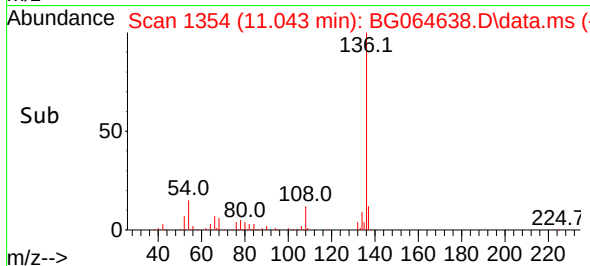


Tgt Ion:136 Resp: 124677
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 14.9 12.6 19.0
68 6.1 5.7 8.5

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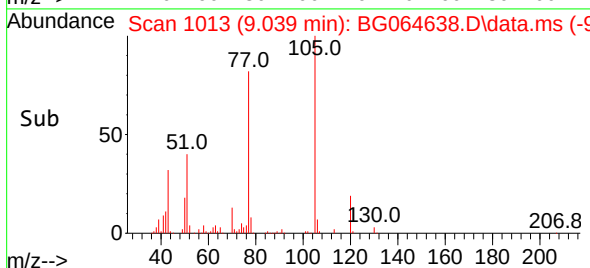
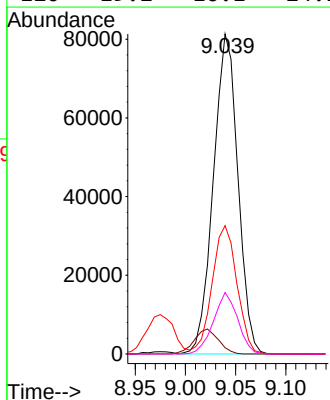
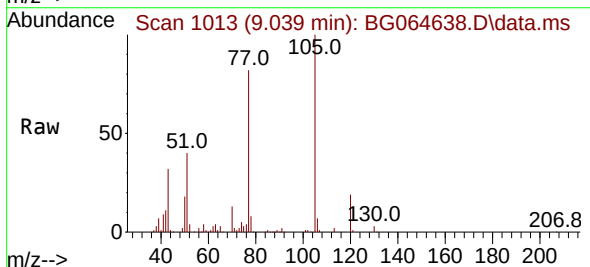
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

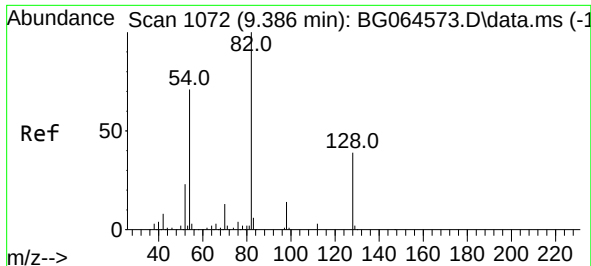
Supervised By :mohammad
ahmed
11/05/2025



#22
Acetophenone
Concen: 40.543 ng
RT: 9.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:105 Resp: 138177
Ion Ratio Lower Upper
105 100
71 1.9 1.5 2.3
51 40.1 33.7 50.5
120 19.2 16.1 24.1





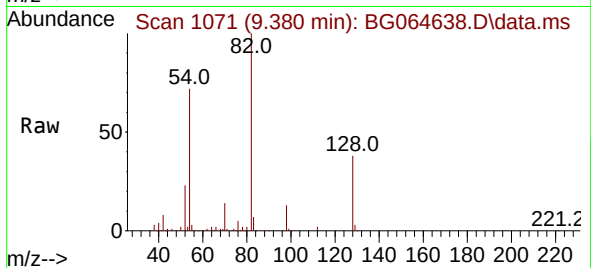
#23
Nitrobenzene-d5
Concen: 93.881 ng
RT: 9.380 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

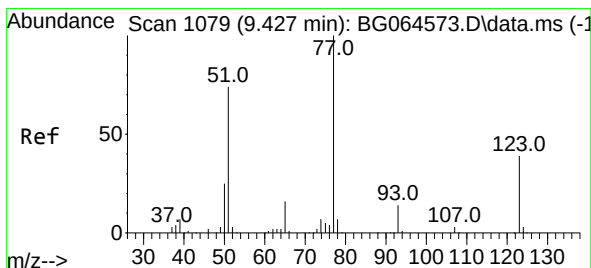
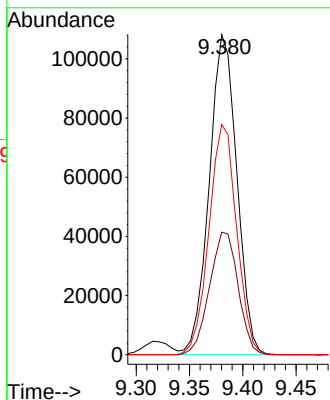
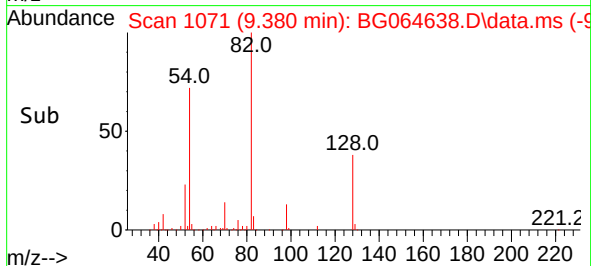


Tgt Ion: 82 Resp: 19487
Ion Ratio Lower Upper
82 100
128 38.3 31.3 46.9
54 71.9 56.6 84.8

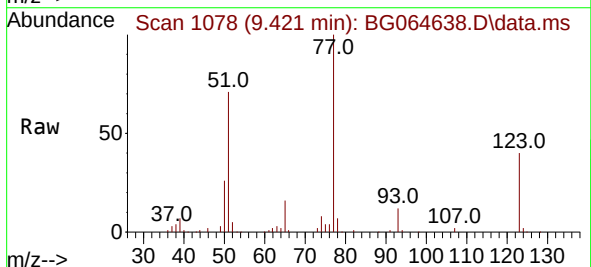
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

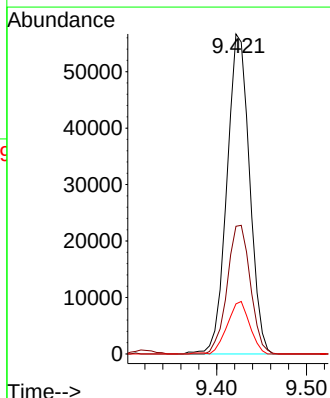
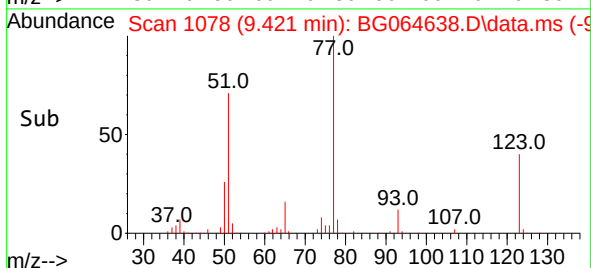
Supervised By :mohammad
ahmed
11/05/2025

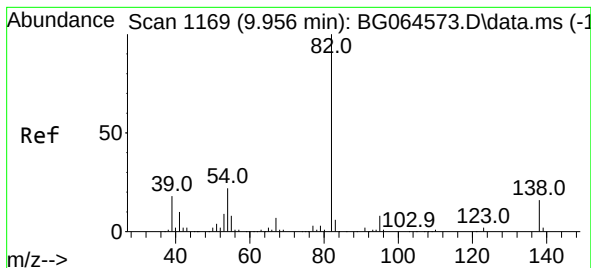


#24
Nitrobenzene
Concen: 43.873 ng
RT: 9.421 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



Tgt Ion: 77 Resp: 99054
Ion Ratio Lower Upper
77 100
123 39.9 31.0 46.6
65 15.6 12.7 19.1





#25

Isophorone

Concen: 37.128 ng

RT: 9.950 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

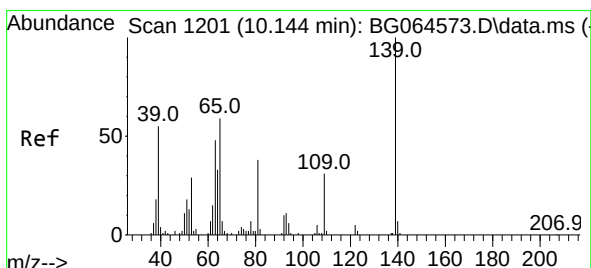
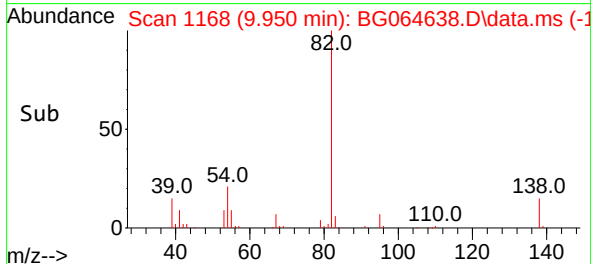
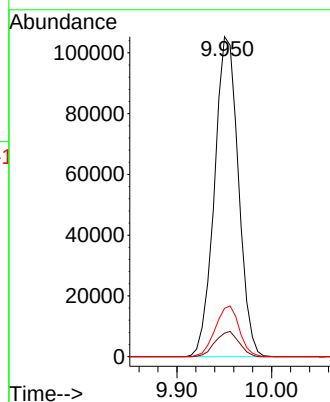
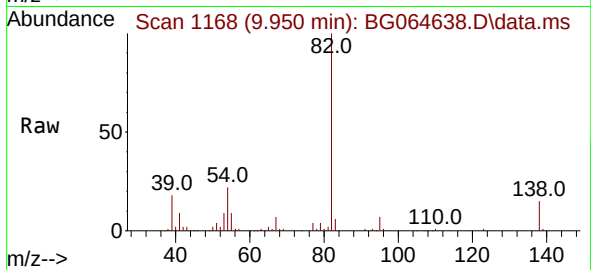
Tgt Ion:	82	Resp:	18493
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.1	9.1
138	15.1	13.0	19.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Supervised By :mohammad
ahmed
11/05/2025



#26

2-Nitrophenol

Concen: 47.778 ng

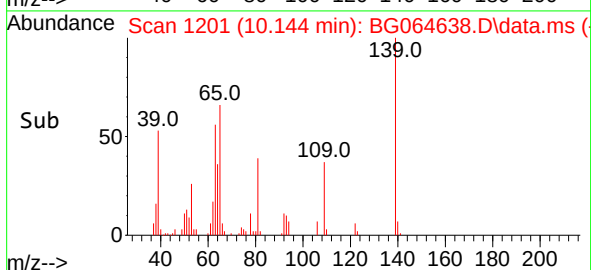
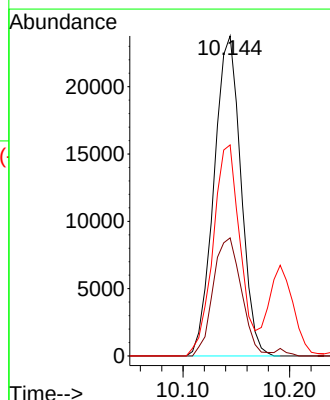
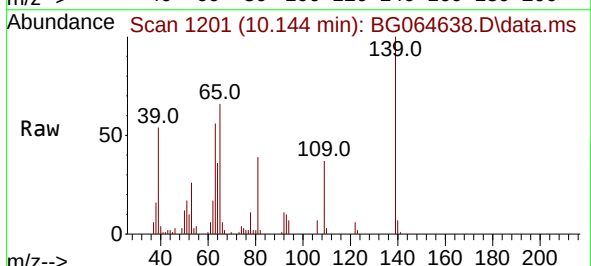
RT: 10.144 min Scan# 1201

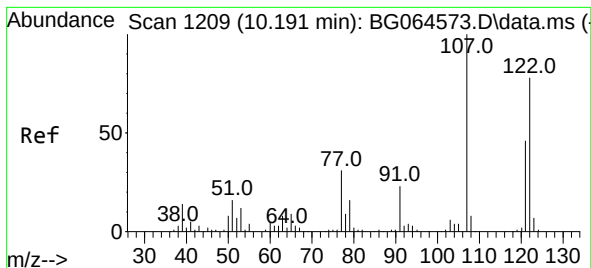
Delta R.T. 0.000 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

Tgt Ion:	139	Resp:	41607
Ion Ratio	Lower	Upper	
139	100		
109	36.9	24.6	37.0
65	66.0	47.5	71.3





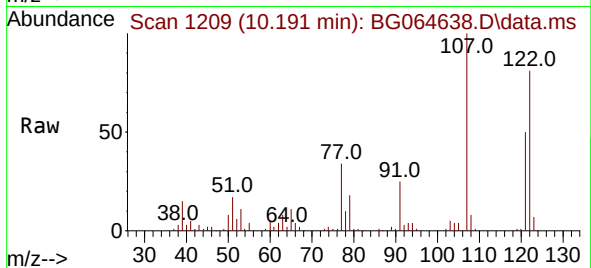
#27
2,4-Dimethylphenol
Concen: 45.136 ng
RT: 10.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

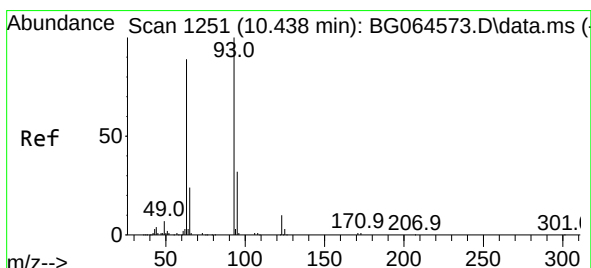
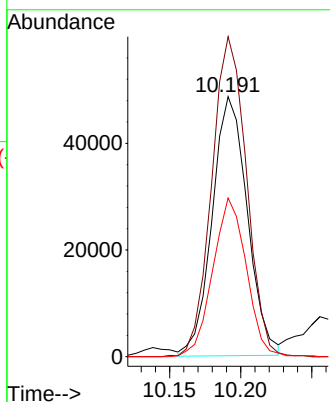
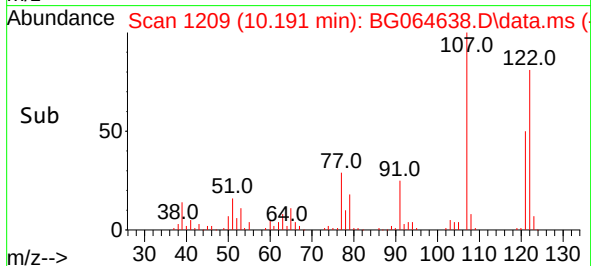


Tgt Ion:122 Resp: 83620
Ion Ratio Lower Upper
122 100
107 123.1 103.0 154.4
121 61.1 47.8 71.8

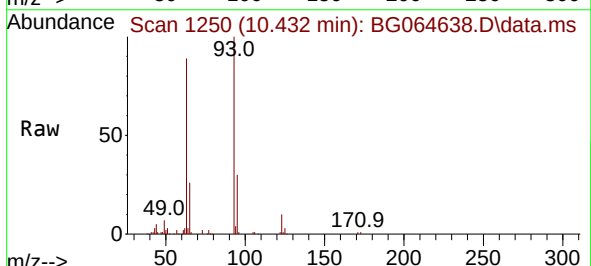
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

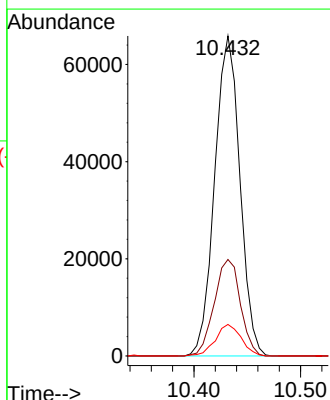
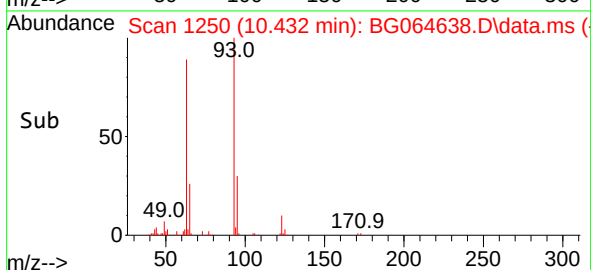
Supervised By :mohammad
ahmed
11/05/2025

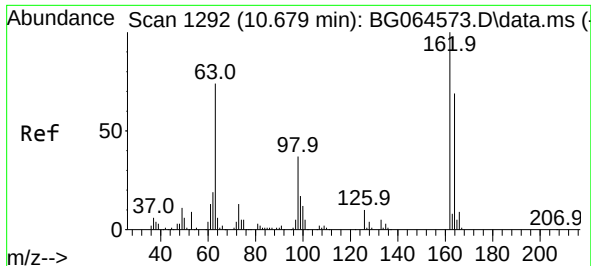


#28
bis(2-Chloroethoxy)methane
Concen: 38.088 ng
RT: 10.432 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



Tgt Ion: 93 Resp: 108016
Ion Ratio Lower Upper
93 100
95 30.1 25.4 38.2
123 9.9 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 44.165 ng
RT: 10.679 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

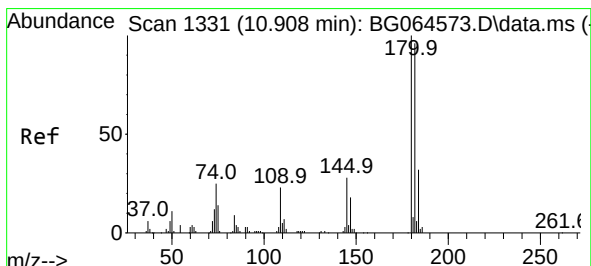
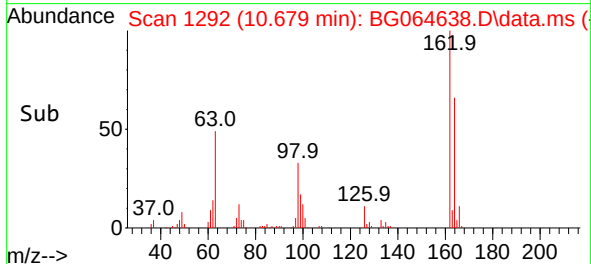
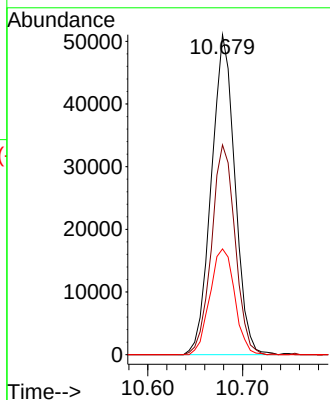
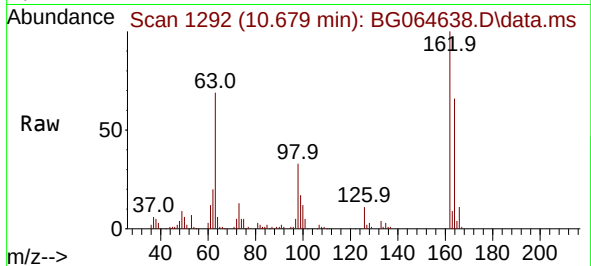
Instrument :
BNA_G
ClientSampleId :
PB170286BS

Tgt Ion:162 Resp: 88062
Ion Ratio Lower Upper
162 100
164 65.6 48.7 88.7
98 33.1 16.9 56.9

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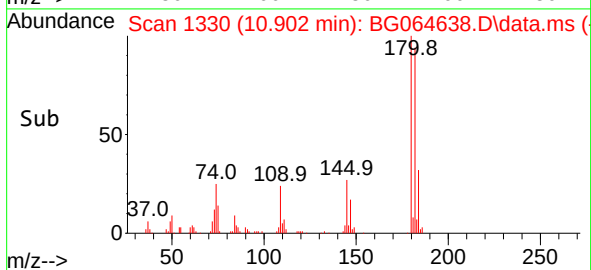
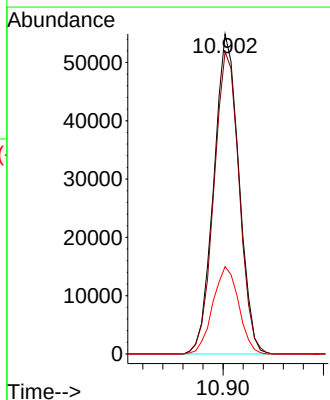
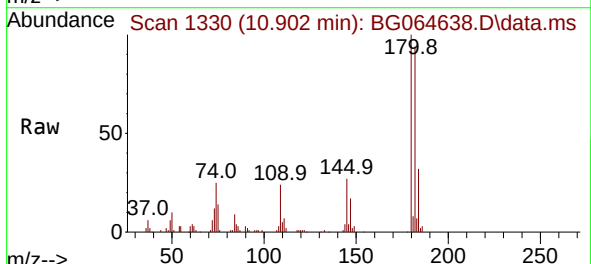
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

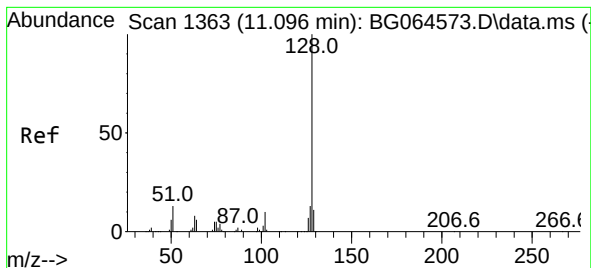
Supervised By :mohammad
ahmed
11/05/2025



#30
1,2,4-Trichlorobenzene
Concen: 41.983 ng
RT: 10.902 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

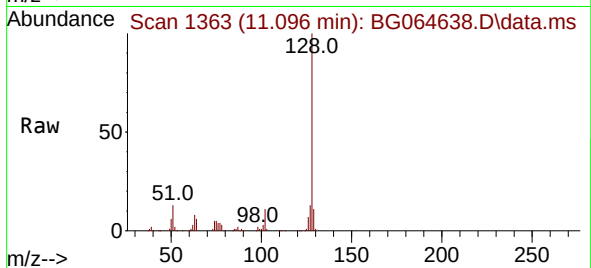
Tgt Ion:180 Resp: 95114
Ion Ratio Lower Upper
180 100
182 94.4 76.9 115.3
145 27.3 22.1 33.1





#31
Naphthalene
Concen: 37.964 ng
RT: 11.096 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

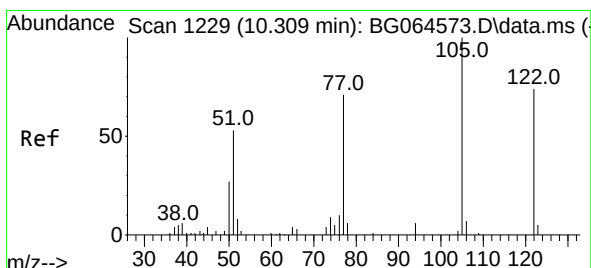
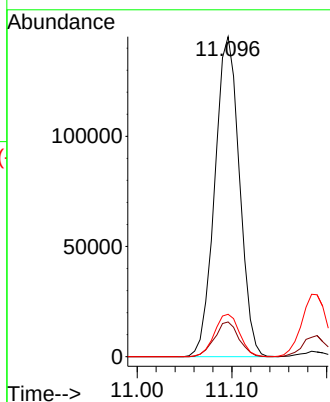
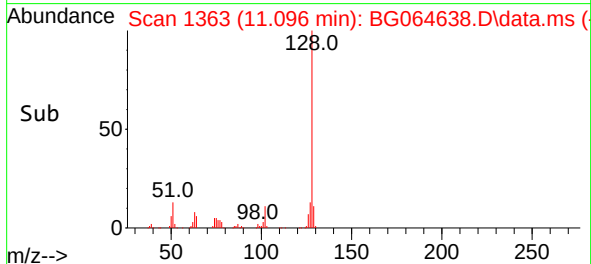


Tgt Ion:128 Resp: 262429
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.6 15.8

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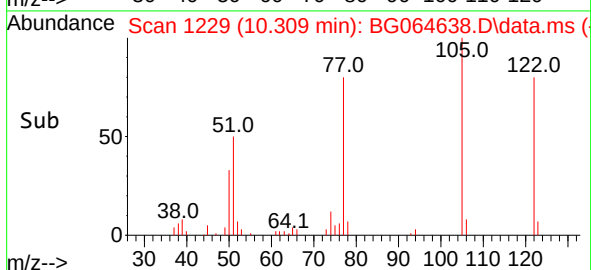
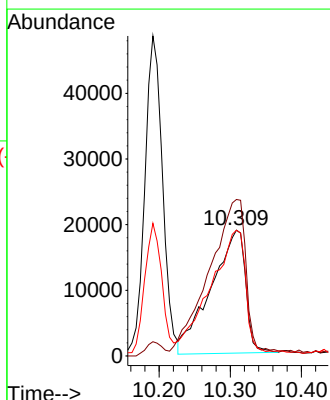
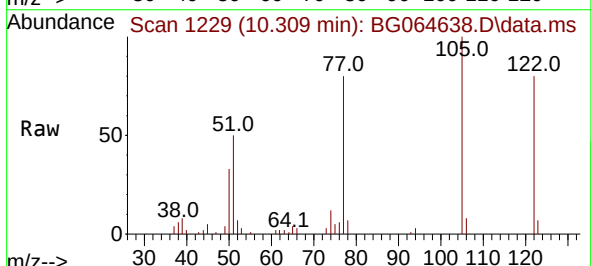
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

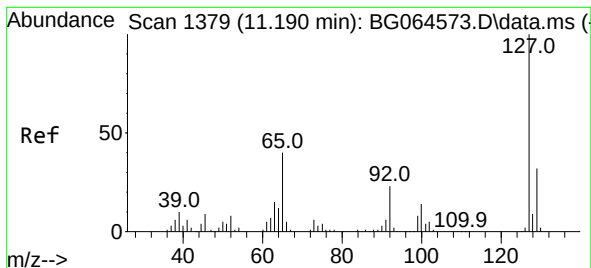
Supervised By :mohammad
ahmed
11/05/2025



#32
Benzoic acid
Concen: 45.241 ng
RT: 10.309 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

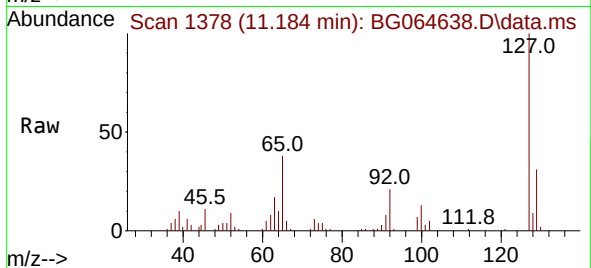
Tgt Ion:122 Resp: 63329
Ion Ratio Lower Upper
122 100
105 124.4 104.2 144.2
77 100.0 70.2 110.2





#33
4-Chloroaniline
Concen: 19.673 ng
RT: 11.184 min Scan# 11184
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

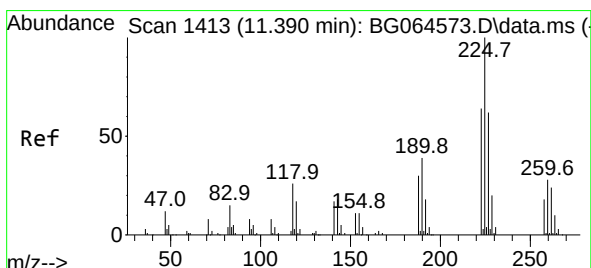
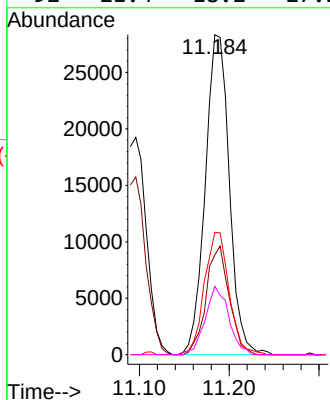
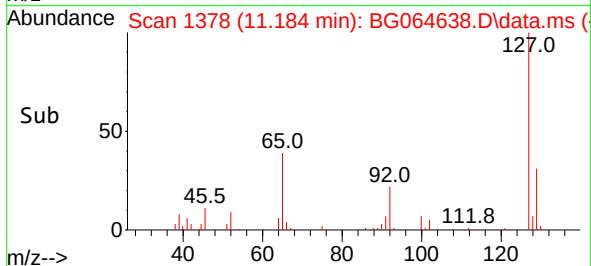


Tgt Ion:127 Resp: 52850
Ion Ratio Lower Upper
127 100
129 31.1 25.5 38.3
65 38.2 32.2 48.4
92 21.4 18.2 27.2

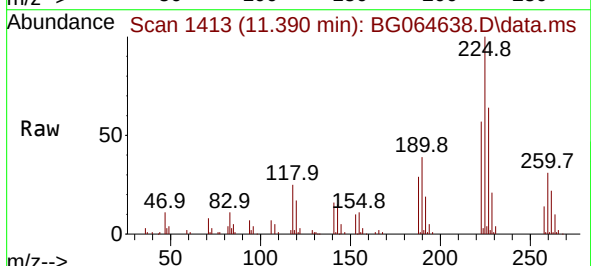
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

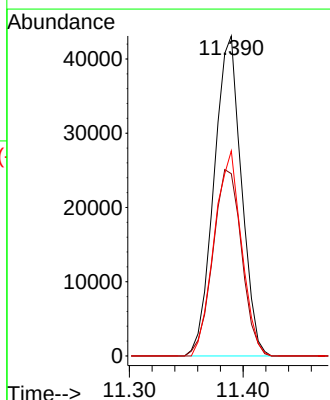
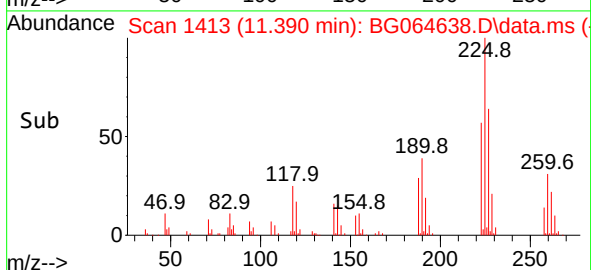
Supervised By :mohammad
ahmed
11/05/2025

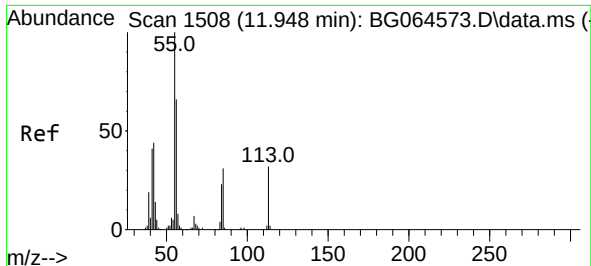


#34
Hexachlorobutadiene
Concen: 40.668 ng
RT: 11.390 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



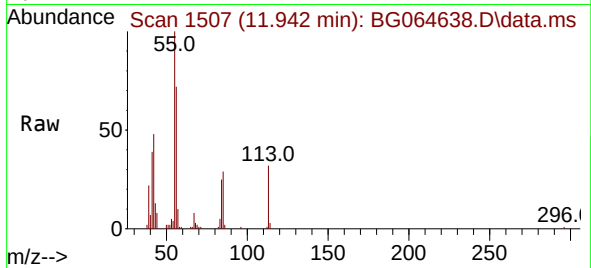
Tgt Ion:225 Resp: 72053
Ion Ratio Lower Upper
225 100
223 57.0 48.8 73.2
227 66.5 49.5 74.3





#35
Caprolactam
Concen: 39.070 ng m
RT: 11.942 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

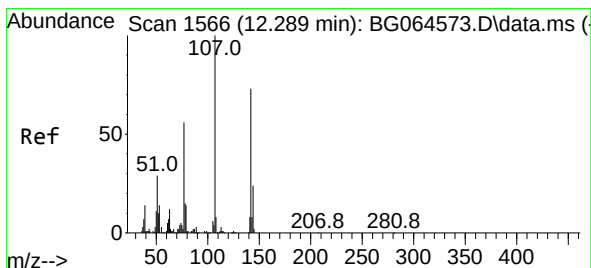
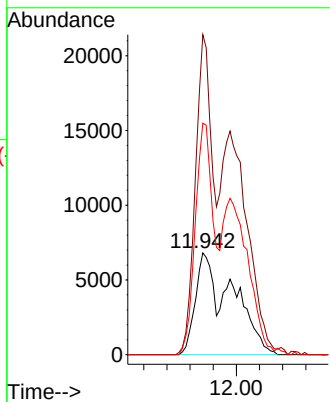
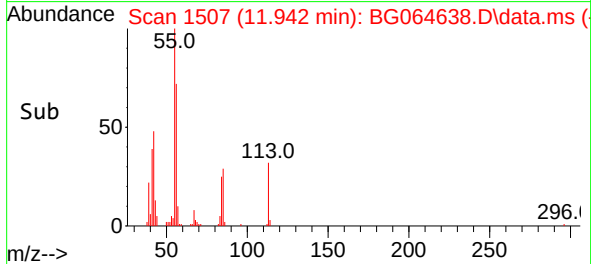


Tgt Ion:113 Resp: 29879
Ion Ratio Lower Upper
113 100
55 314.2 290.1 330.1
56 227.3 183.8 223.8

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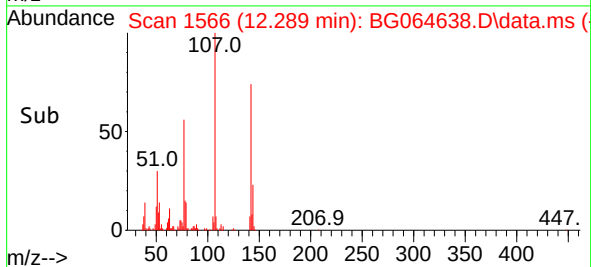
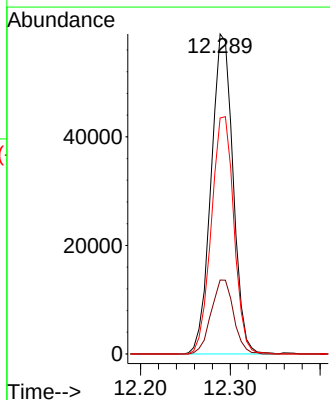
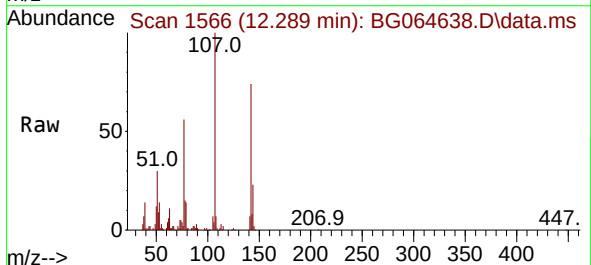
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

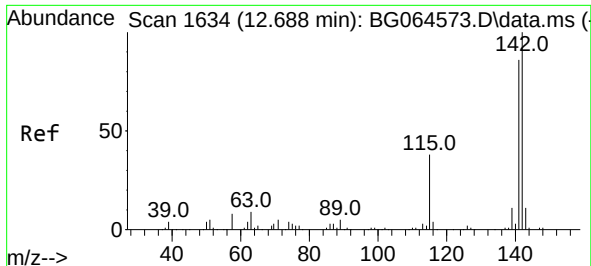
Supervised By :mohammad
ahmed
11/05/2025



#36
4-Chloro-3-methylphenol
Concen: 41.843 ng
RT: 12.289 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:107 Resp: 100287
Ion Ratio Lower Upper
107 100
144 23.1 19.1 28.7
142 73.7 58.6 87.8





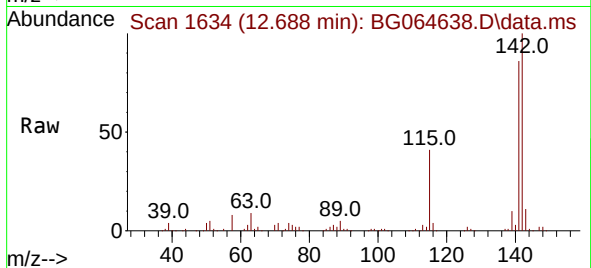
#37
2-Methylnaphthalene
Concen: 34.608 ng
RT: 12.688 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

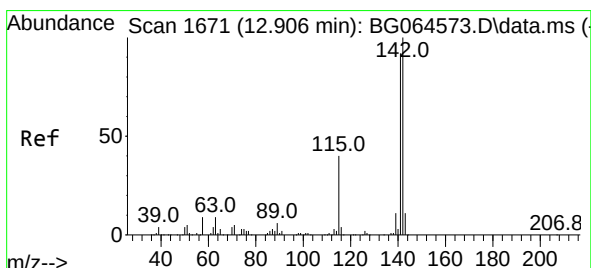
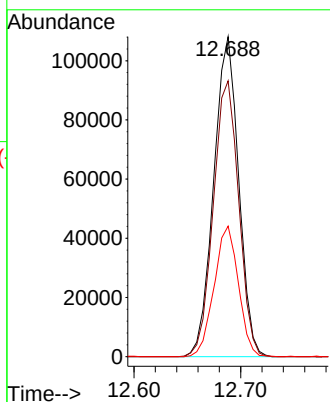
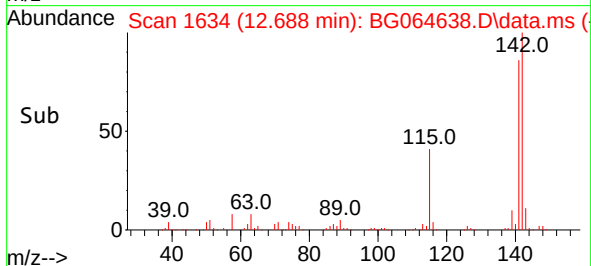


Tgt Ion:142 Resp: 17564
Ion Ratio Lower Upper
142 100
141 86.2 68.9 103.3
115 40.8 30.6 46.0

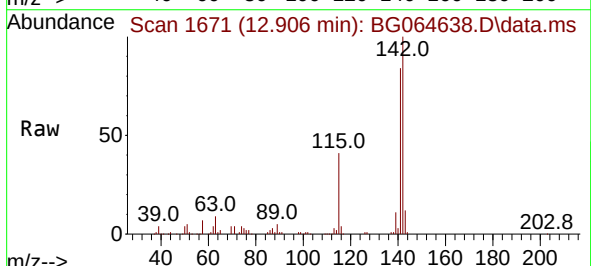
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

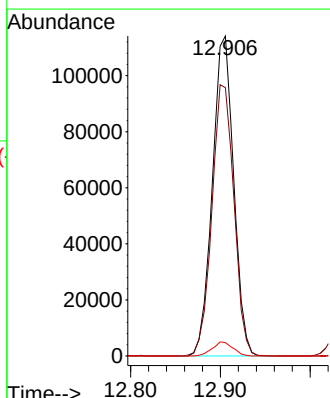
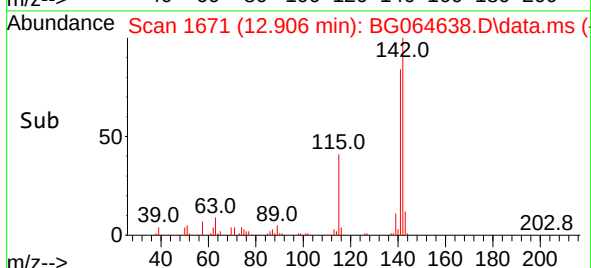
Supervised By :mohammad
ahmed
11/05/2025

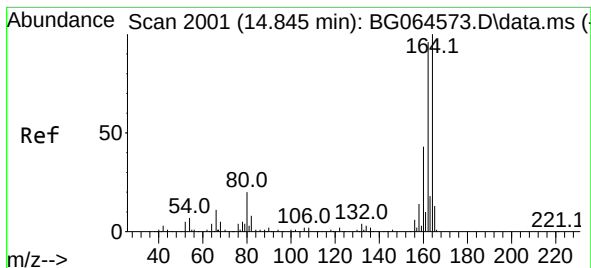


#38
1-Methylnaphthalene
Concen: 37.426 ng
RT: 12.906 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



Tgt Ion:142 Resp: 188034
Ion Ratio Lower Upper
142 100
141 83.9 73.3 109.9
116 4.4 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

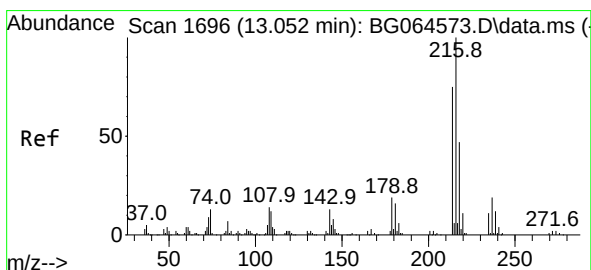
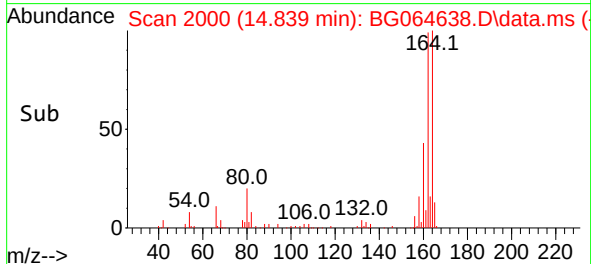
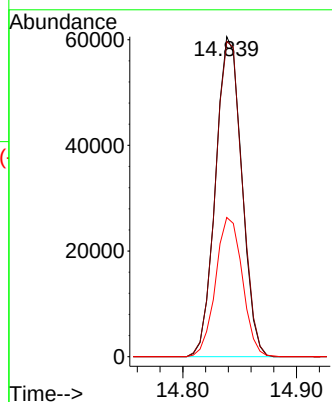
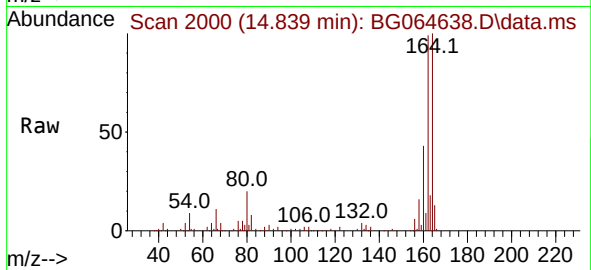
Tgt Ion:164 Resp: 9702
Ion Ratio Lower Upper
164 100
162 98.5 77.0 115.6
160 43.5 34.4 51.6

Manual Integrations

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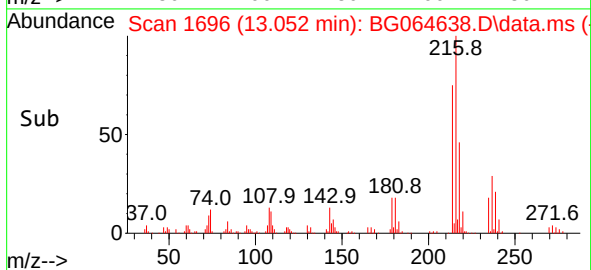
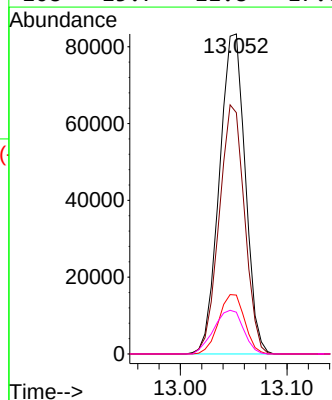
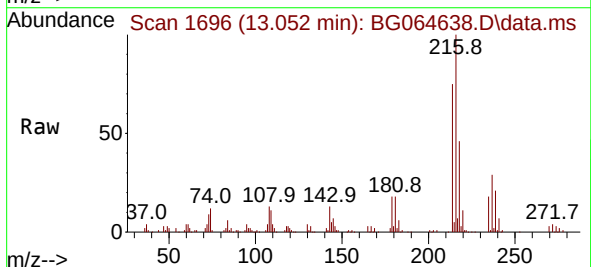
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

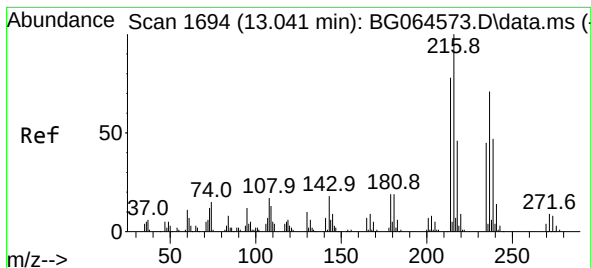
Supervised By :mohammad
ahmed
11/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.052 ng
RT: 13.052 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:216 Resp: 140180
Ion Ratio Lower Upper
216 100
214 76.4 61.4 92.2
179 18.6 15.4 23.0
108 15.7 11.8 17.6





#41

Hexachlorocyclopentadiene

Concen: 117.624 ng

RT: 13.035 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

Tgt Ion:237 Resp: 17238

Ion Ratio Lower Upper

237 100

235 64.2 44.1 84.1

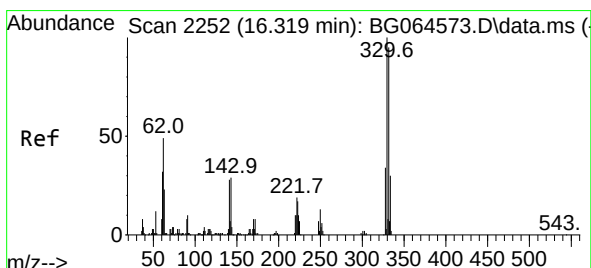
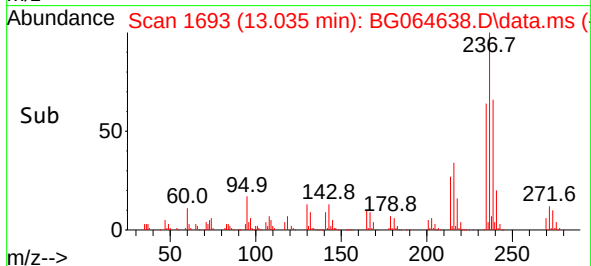
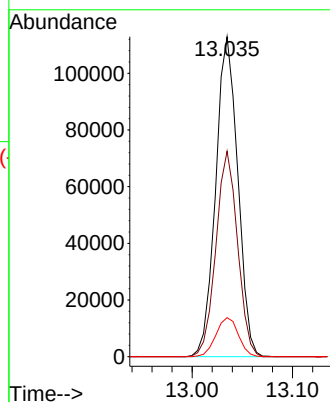
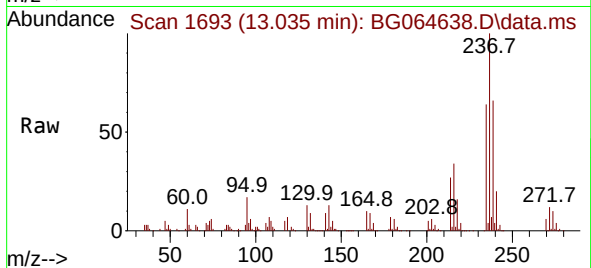
272 12.2 0.0 32.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Supervised By :mohammad
ahmed
11/05/2025



#42

2,4,6-Tribromophenol

Concen: 143.850 ng

RT: 16.319 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

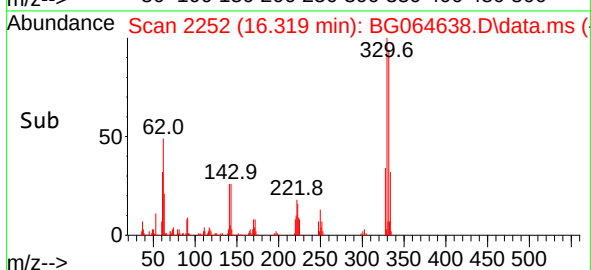
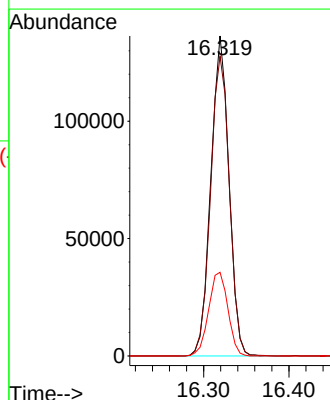
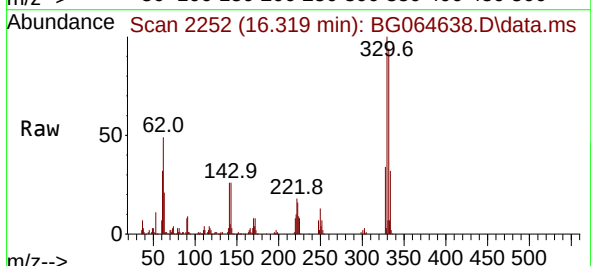
Tgt Ion:330 Resp: 201434

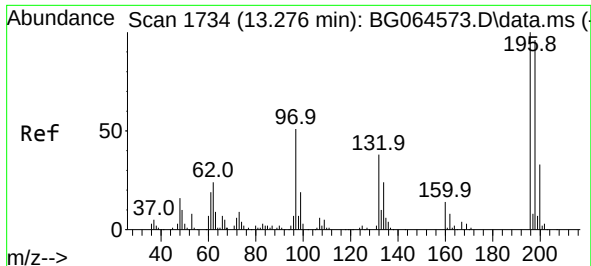
Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

141 27.8 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 47.123 ng
RT: 13.276 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

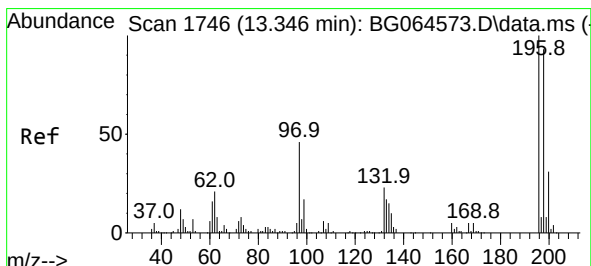
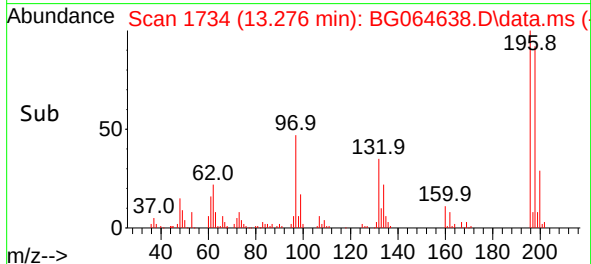
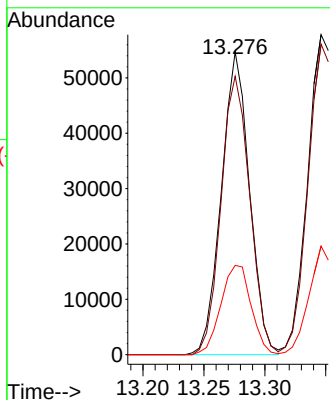
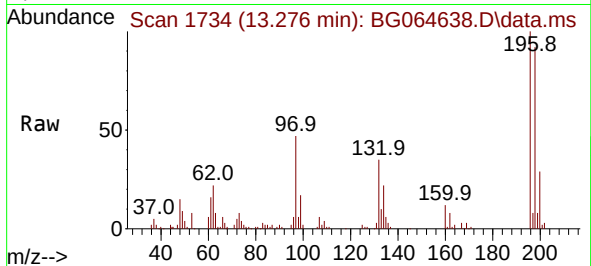
PB170286BS

Tgt Ion:196 Resp: 8776
Ion Ratio Lower Upper
196 100
198 91.9 76.6 115.0
200 29.5 26.0 39.0

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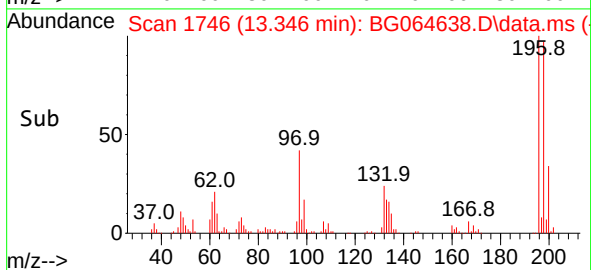
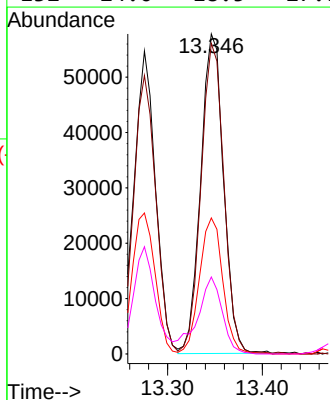
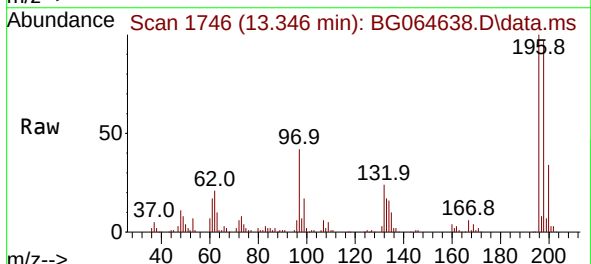
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

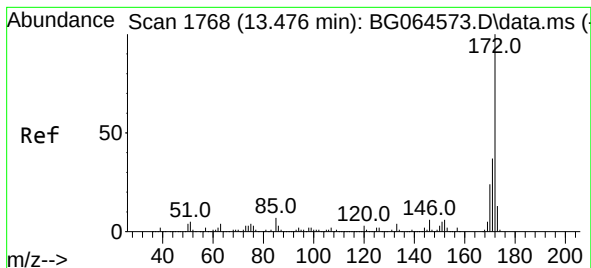
Supervised By :mohammad
ahmed
11/05/2025



#44
2,4,5-Trichlorophenol
Concen: 44.925 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:196 Resp: 96559
Ion Ratio Lower Upper
196 100
198 97.1 74.2 111.4
97 42.5 37.0 55.6
132 24.0 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 79.896 ng

RT: 13.470 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

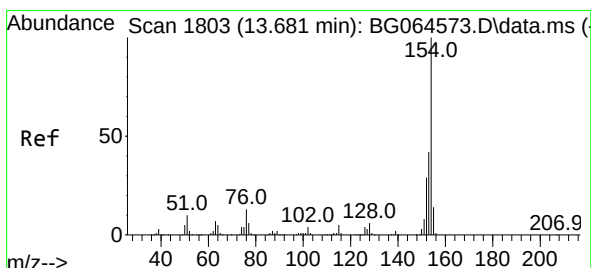
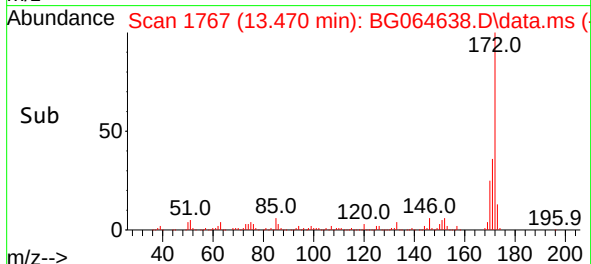
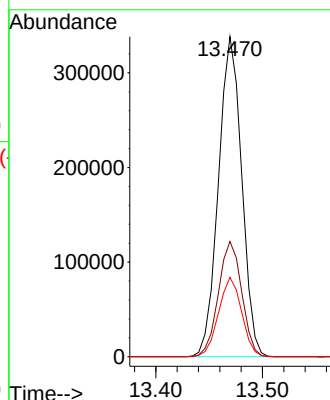
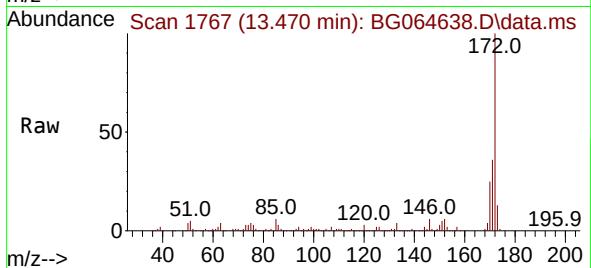
Tgt Ion:172 Resp: 511400
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.8 19.1 28.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Supervised By :mohammad
 ahmed
 11/05/2025



#46

1,1'-Biphenyl

Concen: 42.233 ng

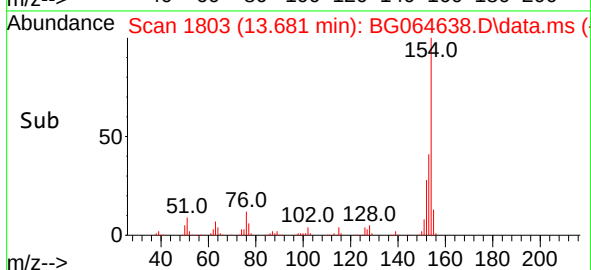
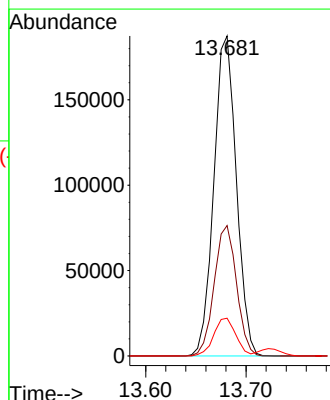
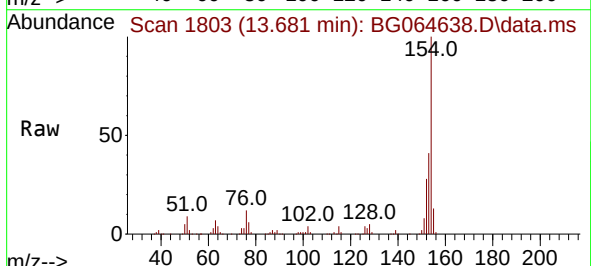
RT: 13.681 min Scan# 1803

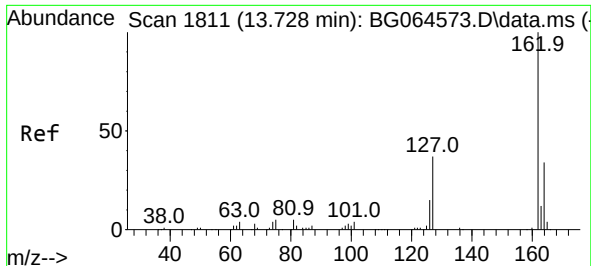
Delta R.T. -0.000 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

Tgt Ion:154 Resp: 291306
 Ion Ratio Lower Upper
 154 100
 153 40.7 22.4 62.4
 76 11.8 0.0 33.5





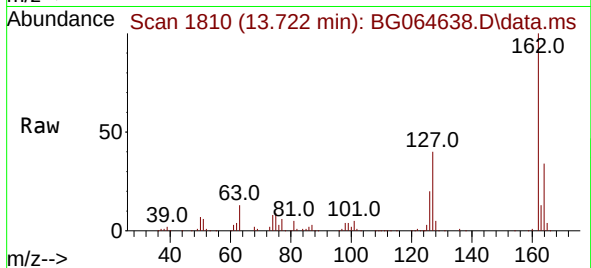
#47
2-Chloronaphthalene
Concen: 39.368 ng
RT: 13.722 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS



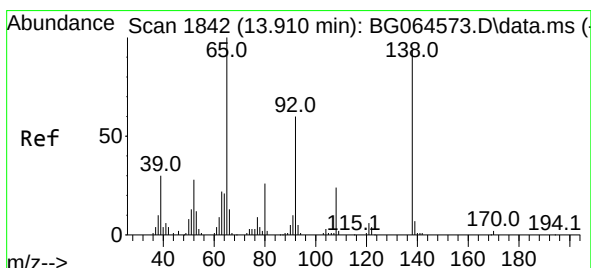
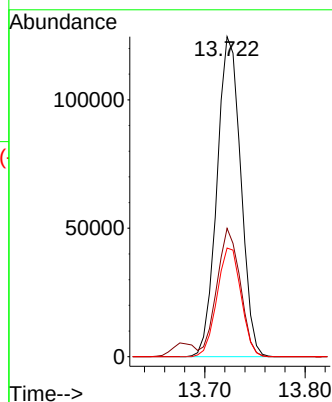
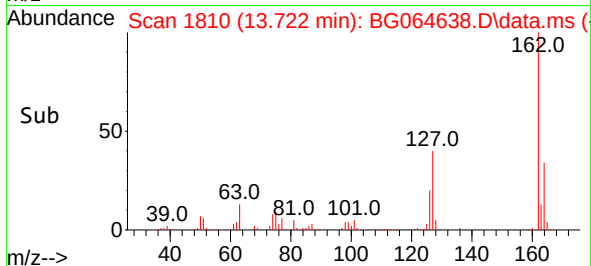
Tgt Ion:162 Resp: 204969
Ion Ratio Lower Upper
162 100
127 40.1 32.2 48.2
164 33.9 27.5 41.3

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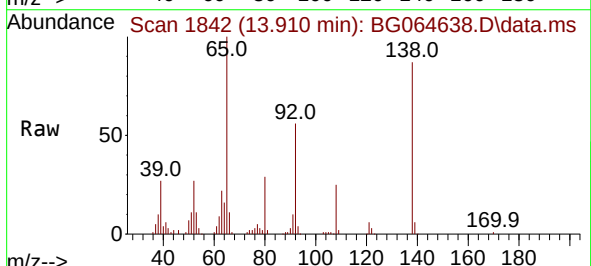
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

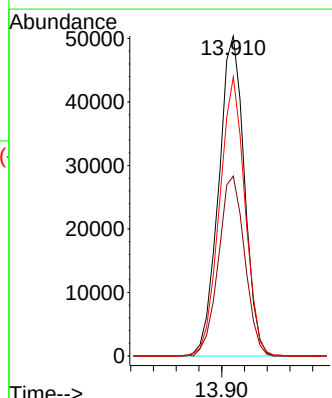
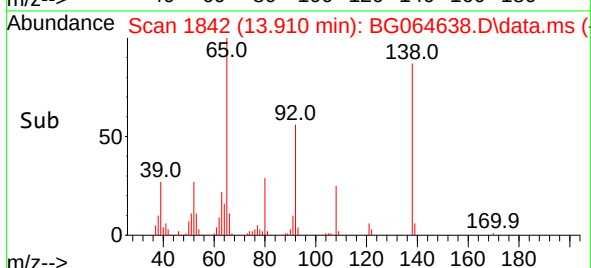
Supervised By :mohammad
ahmed
11/05/2025

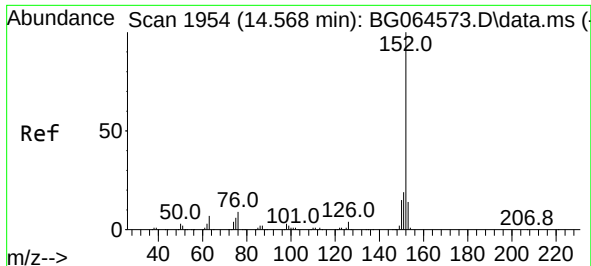


#48
2-Nitroaniline
Concen: 45.457 ng
RT: 13.910 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



Tgt Ion: 65 Resp: 79131
Ion Ratio Lower Upper
65 100
92 56.2 48.3 72.5
138 87.2 74.9 112.3





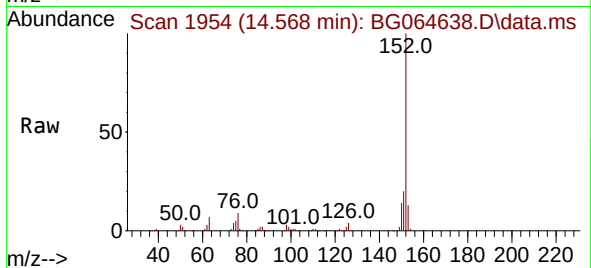
#49
Acenaphthylene
Concen: 44.639 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

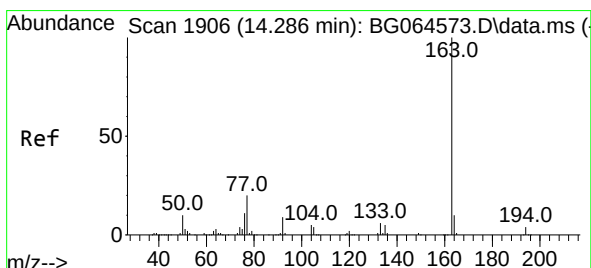
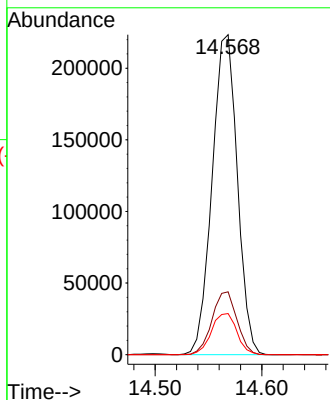
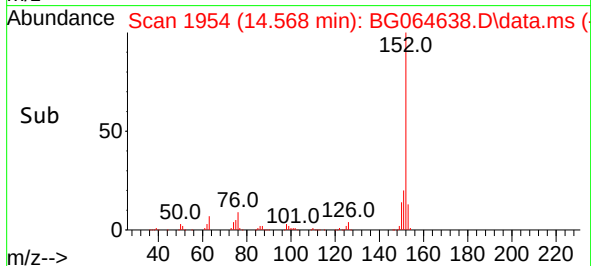


Tgt Ion:152 Resp: 36658
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 12.9 11.0 16.4

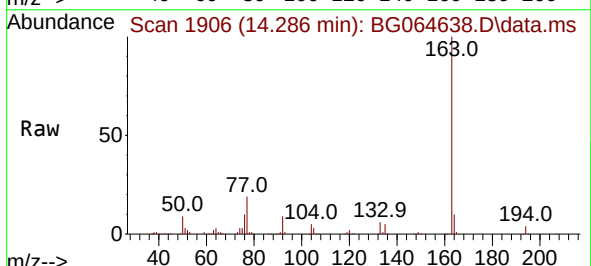
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

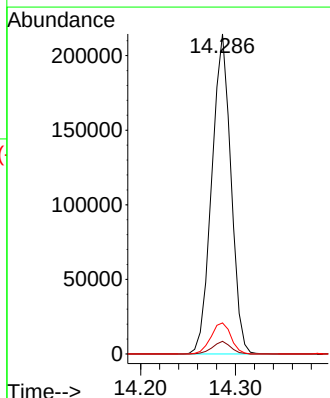
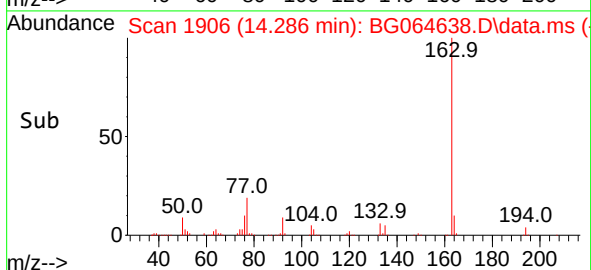
Supervised By :mohammad
ahmed
11/05/2025

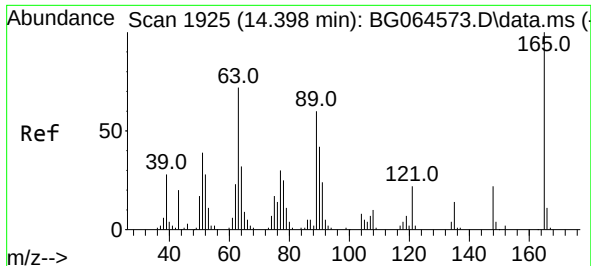


#50
Dimethylphthalate
Concen: 40.542 ng
RT: 14.286 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



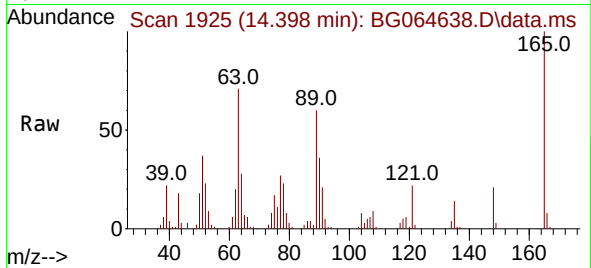
Tgt Ion:163 Resp: 300984
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.7 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 49.972 ng
RT: 14.398 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

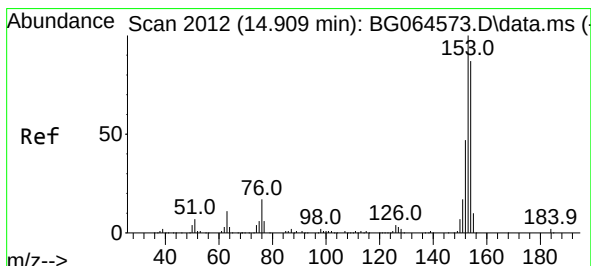
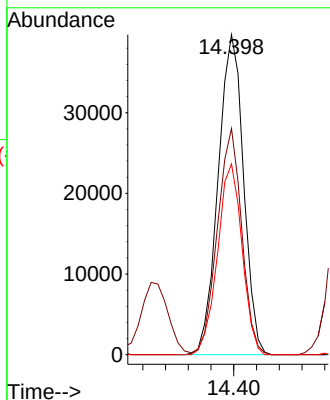
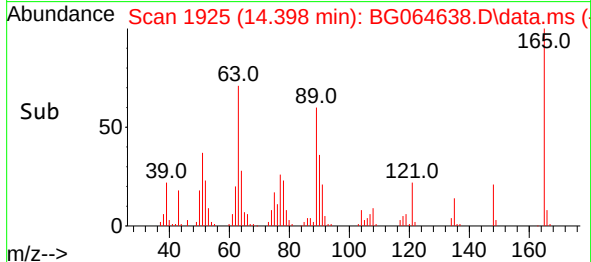


Tgt Ion:165 Resp: 6138
Ion Ratio Lower Upper
165 100
63 70.7 57.4 86.0
89 59.6 47.8 71.8

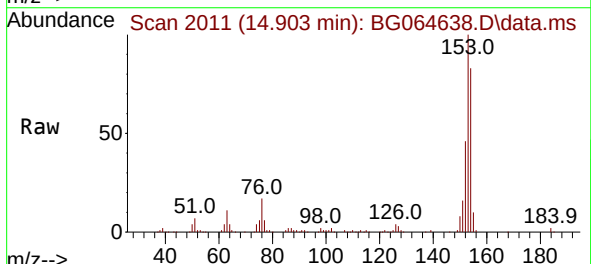
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

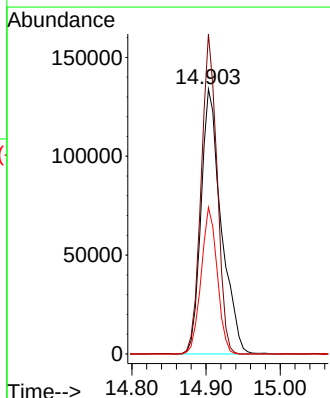
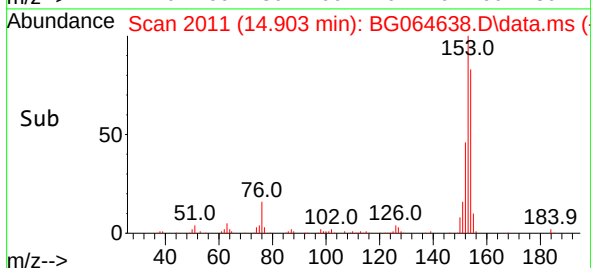
Supervised By :mohammad
ahmed
11/05/2025

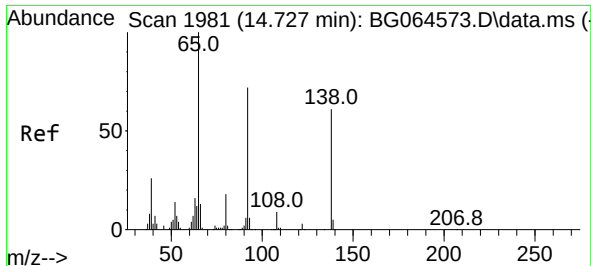


#52
Acenaphthene
Concen: 45.125 ng
RT: 14.903 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



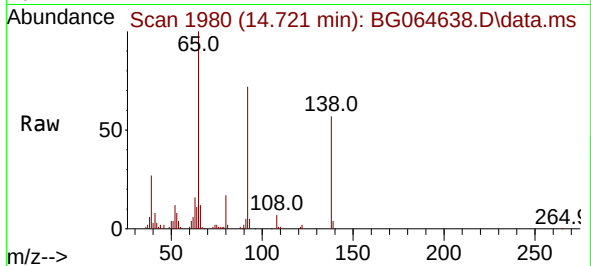
Tgt Ion:154 Resp: 253184
Ion Ratio Lower Upper
154 100
153 120.8 92.2 138.4
152 55.4 43.2 64.8





#53
3-Nitroaniline
Concen: 33.472 ng
RT: 14.721 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

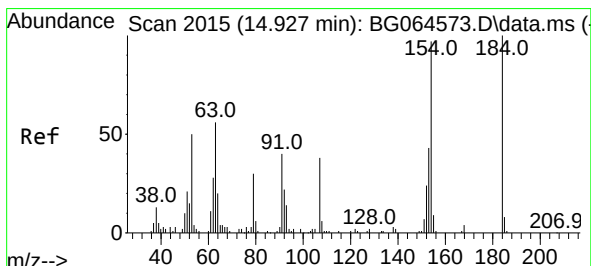
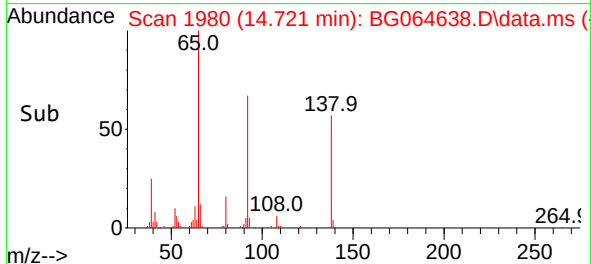
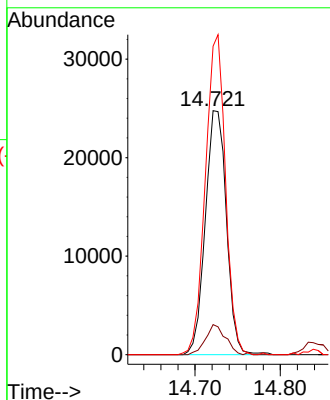


Tgt Ion:138 Resp: 42700
Ion Ratio Lower Upper
138 100
108 12.3 11.4 17.0
92 126.5 95.3 142.9

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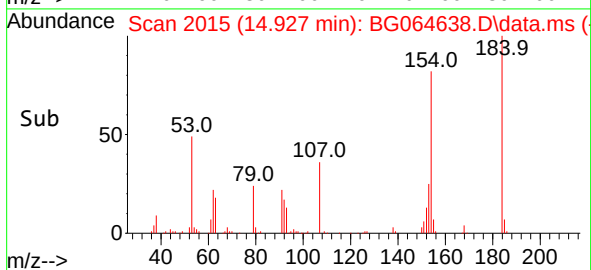
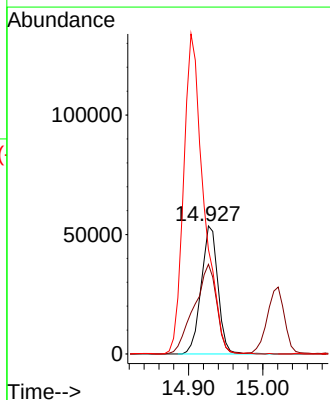
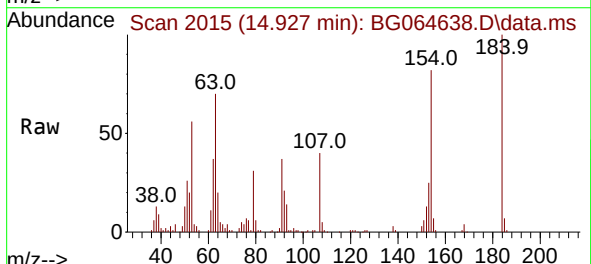
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

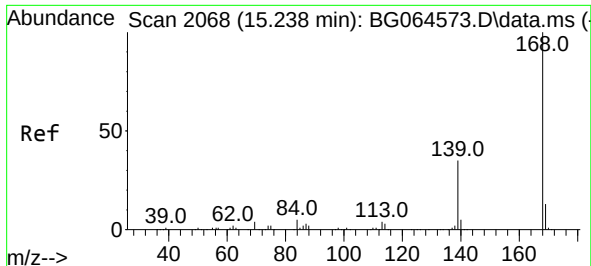
Supervised By :mohammad
ahmed
11/05/2025



#54
2,4-Dinitrophenol
Concen: 109.290 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:184 Resp: 83799
Ion Ratio Lower Upper
184 100
63 70.0 56.6 85.0
154 81.6 158.6 238.0#





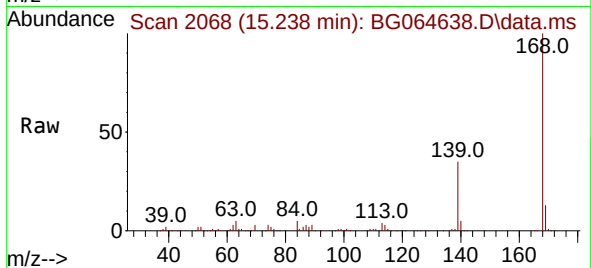
#55
Dibenzenofuran
Concen: 40.455 ng
RT: 15.238 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS



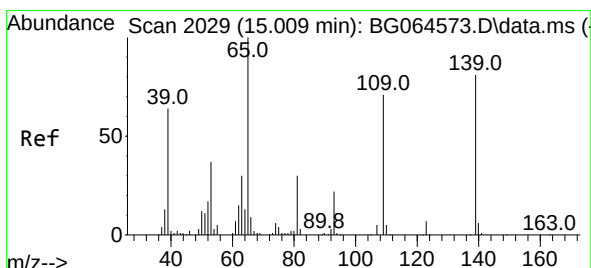
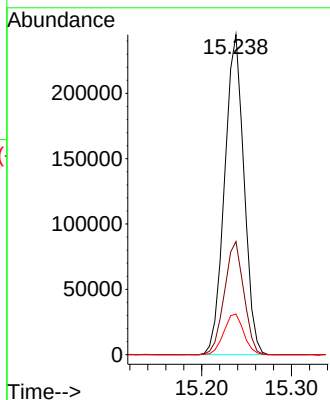
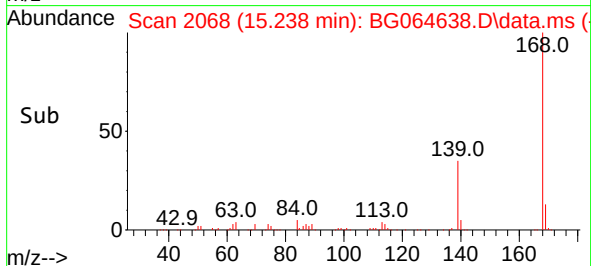
Tgt Ion:168 Resp: 366959
Ion Ratio Lower Upper
168 100
139 35.4 27.8 41.8
169 12.7 10.3 15.5

Manual Integrations

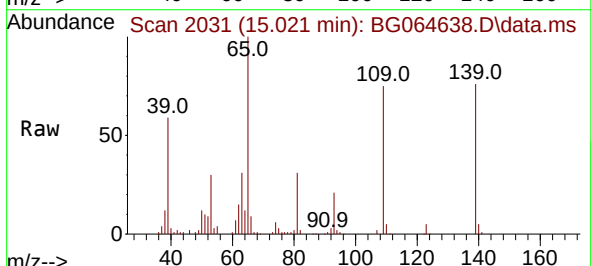
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

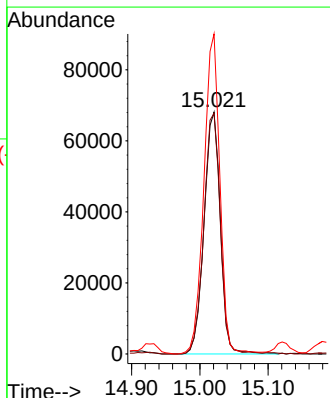
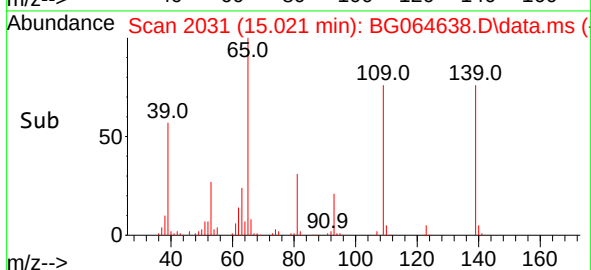
Supervised By :mohammad
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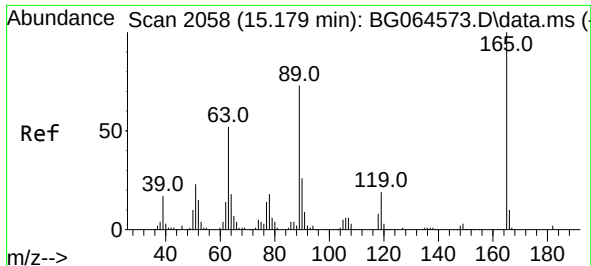


#56
4-Nitrophenol
Concen: 95.819 ng
RT: 15.021 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



Tgt Ion:139 Resp: 113344
Ion Ratio Lower Upper
139 100
109 99.6 67.8 107.8
65 132.4 103.7 143.7





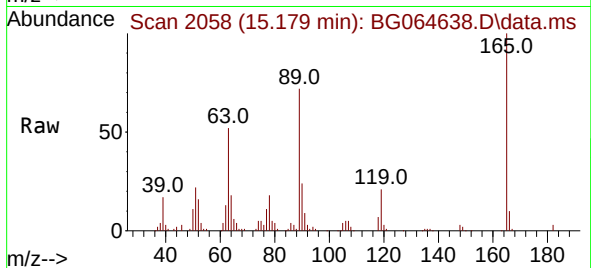
#57
2,4-Dinitrotoluene
Concen: 48.378 ng
RT: 15.179 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

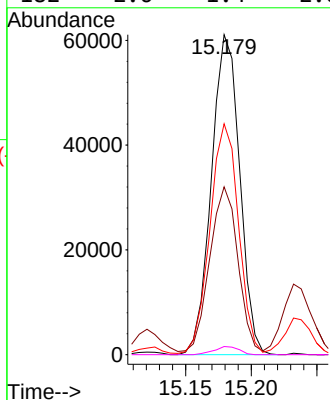
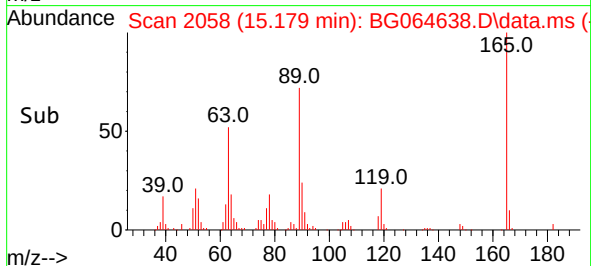
PB170286BS



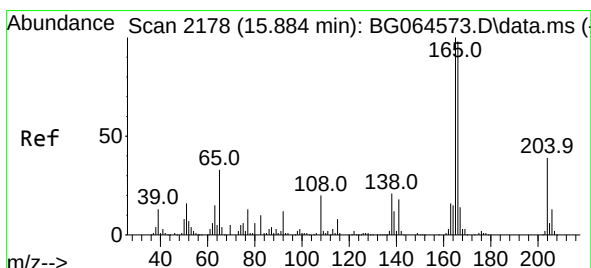
Tgt Ion:165 Resp: 9167
Ion Ratio Lower Upper
165 100
63 52.4 41.8 62.8
89 72.1 58.1 87.1
182 2.6 1.4 2.0

Manual Integrations
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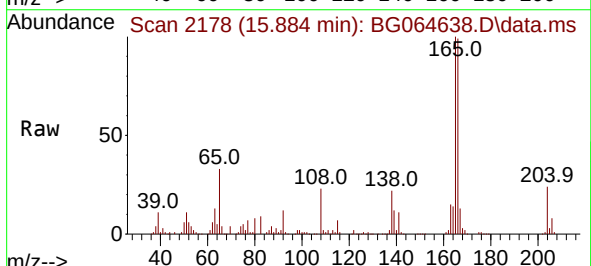
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



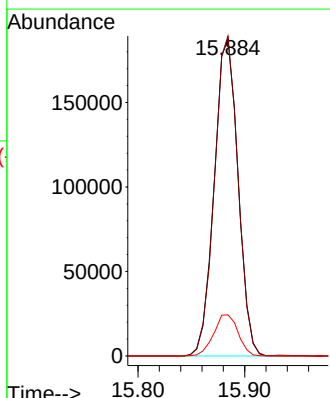
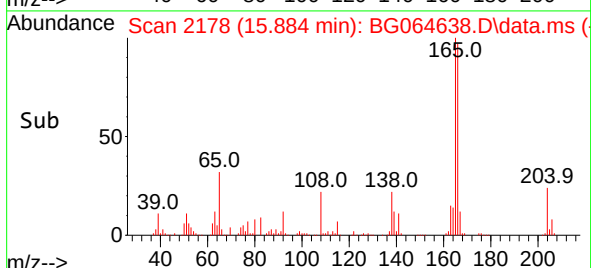
Supervised By :mohammad
ahmed
11/05/2025

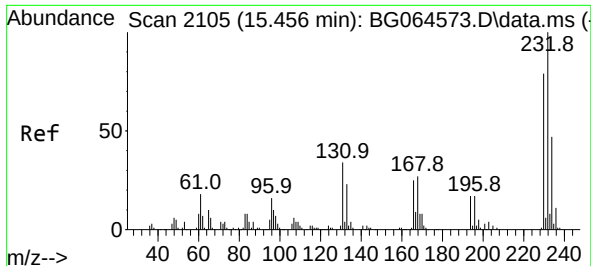


#58
Fluorene
Concen: 40.956 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



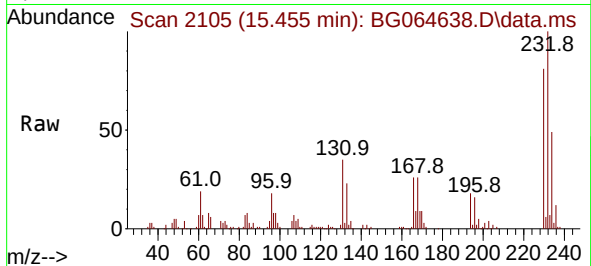
Tgt Ion:166 Resp: 290135
Ion Ratio Lower Upper
166 100
165 101.0 81.5 122.3
167 13.0 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.044 ng
RT: 15.455 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

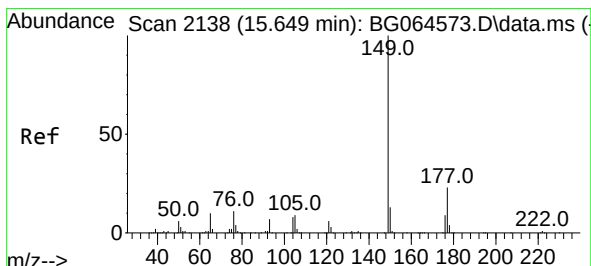
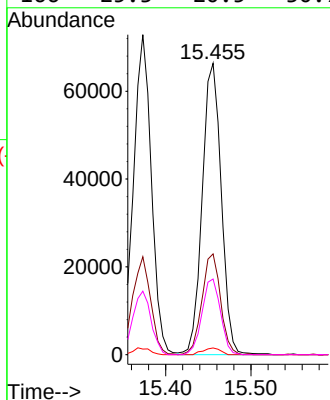
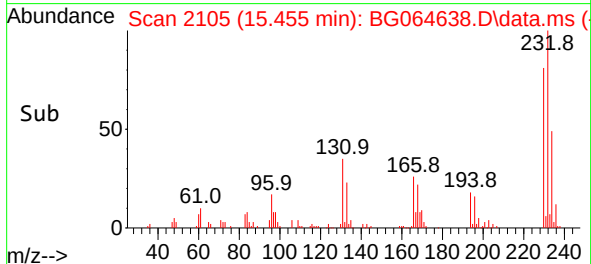


Tgt Ion:232 Resp: 102850
Ion Ratio Lower Upper
232 100
131 33.9 26.7 40.1
130 2.1 1.6 2.4
166 25.3 20.5 30.7

Manual Integrations
APPROVED

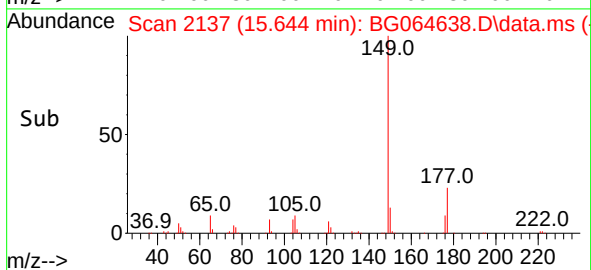
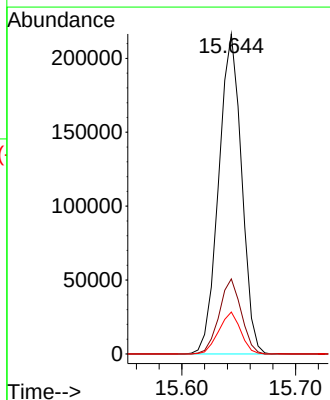
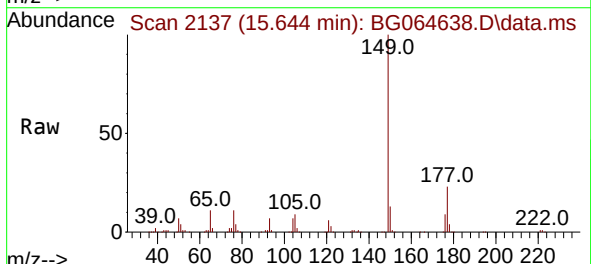
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

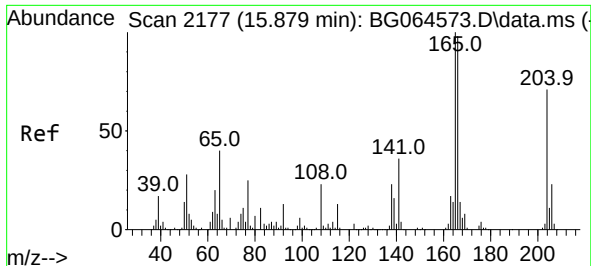
Supervised By :mohammad
ahmed
11/05/2025



#60
Diethylphthalate
Concen: 39.933 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:149 Resp: 302705
Ion Ratio Lower Upper
149 100
177 23.4 18.0 27.0
150 13.1 10.2 15.4





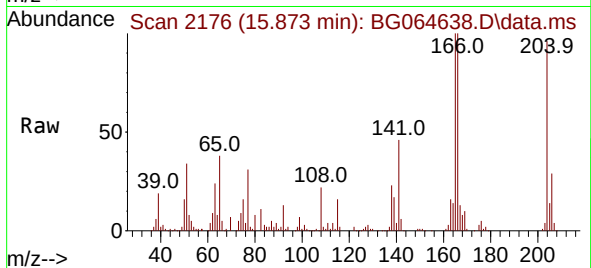
#61
4-Chlorophenyl-phenylether
Concen: 40.706 ng
RT: 15.873 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS



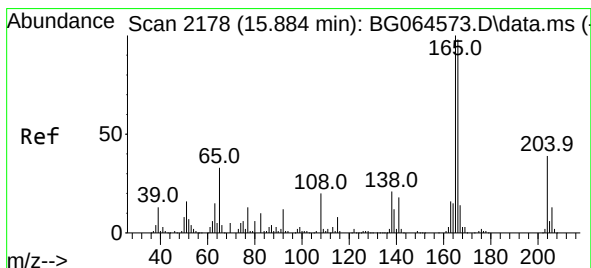
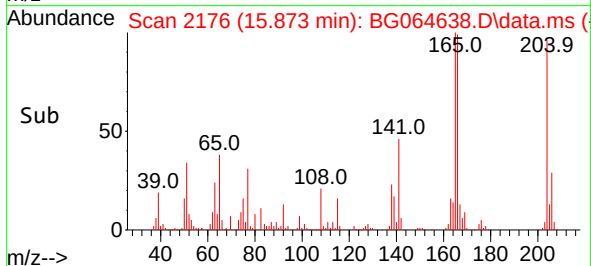
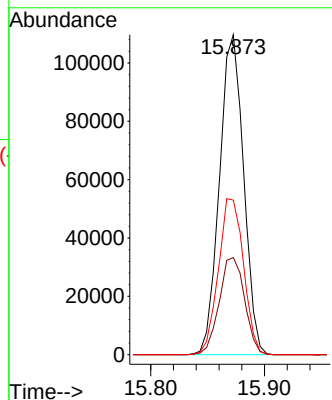
Tgt Ion:204 Resp: 161828
Ion Ratio Lower Upper
204 100
206 30.4 25.6 38.4
141 48.3 40.6 60.8

Manual Integrations

APPROVED

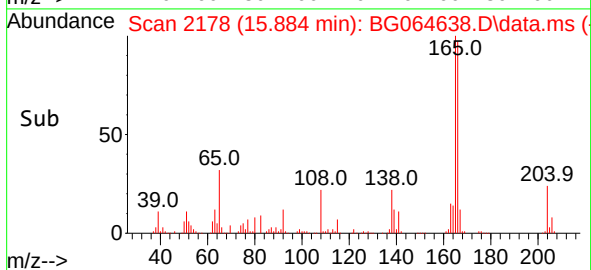
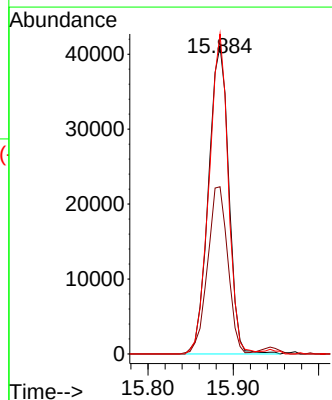
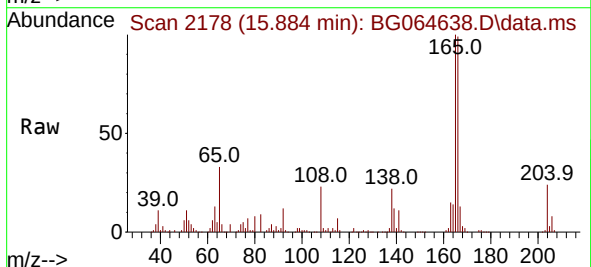
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

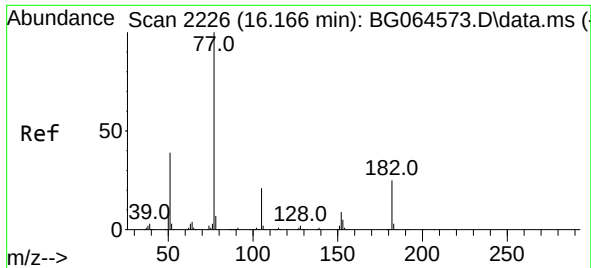
Supervised By :mohammad
ahmed
11/05/2025



#62
4-Nitroaniline
Concen: 47.714 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

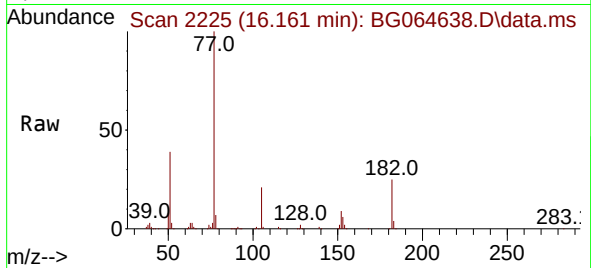
Tgt Ion:138 Resp: 67726
Ion Ratio Lower Upper
138 100
92 54.3 36.1 76.1
108 103.9 75.6 115.6





#63
Azobenzene
Concen: 40.061 ng
RT: 16.161 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

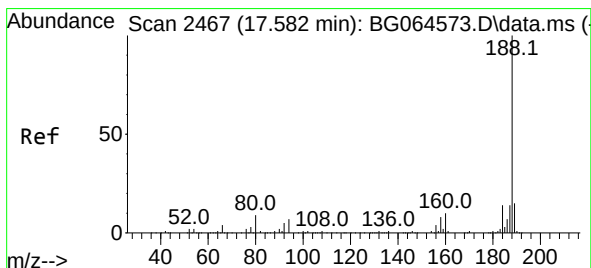
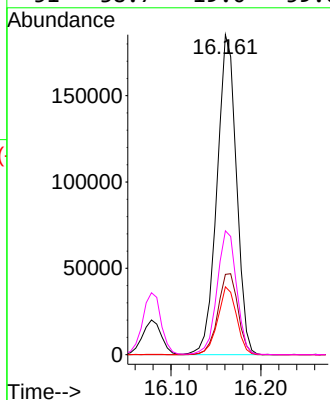
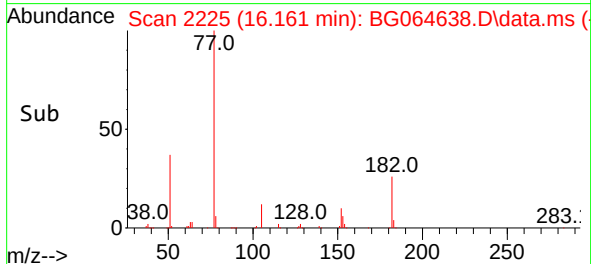


Tgt Ion: 77 Resp: 27863
Ion Ratio Lower Upper
77 100
182 25.1 4.9 44.9
105 21.2 1.3 41.3
51 38.7 19.0 59.0

Manual Integrations
APPROVED

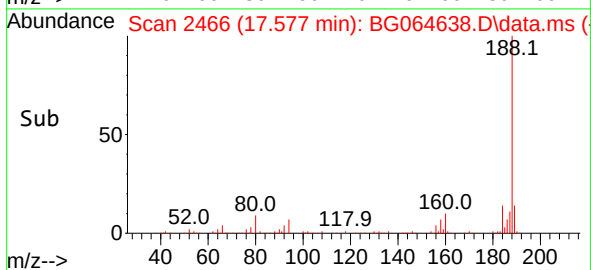
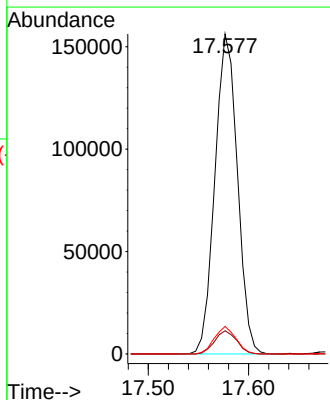
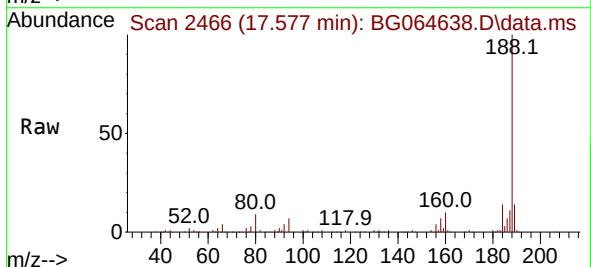
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

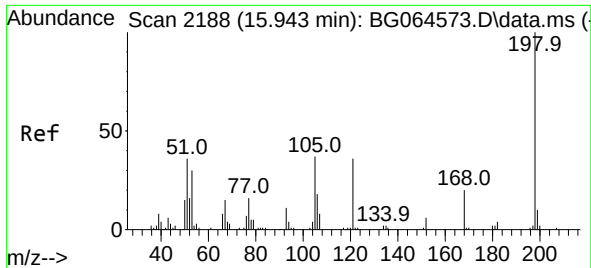
Supervised By :mohammad
ahmed
11/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:188 Resp: 242858
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 8.6 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 53.276 ng
RT: 15.943 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

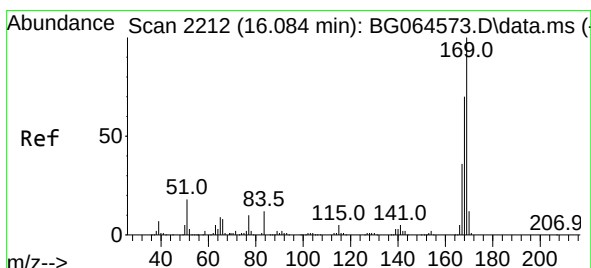
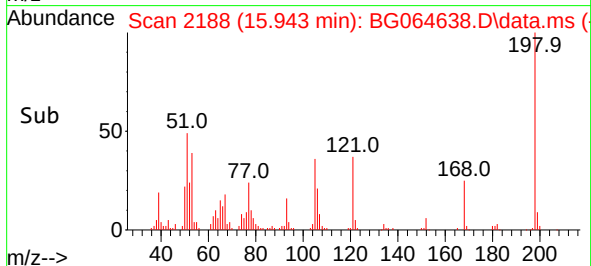
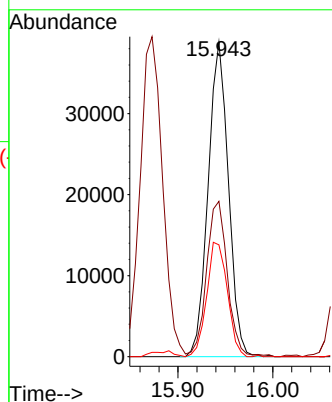
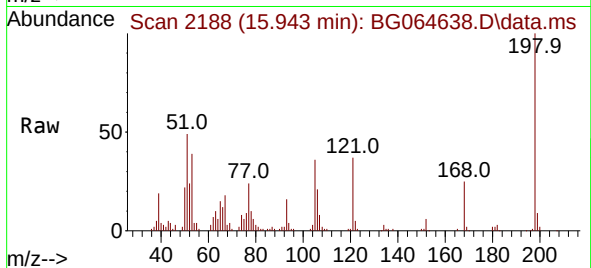
Instrument :
BNA_G
ClientSampleId :
PB170286BS

Tgt Ion:198 Resp: 57652
Ion Ratio Lower Upper
198 100
51 49.4 24.7 64.7
105 35.5 18.0 58.0

Manual Integrations
APPROVED

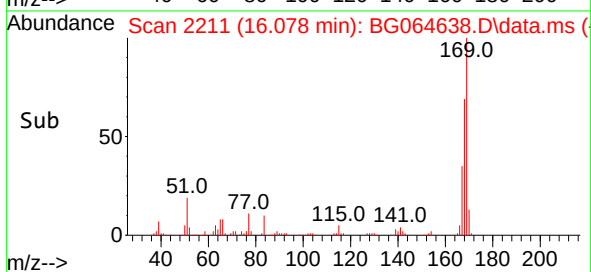
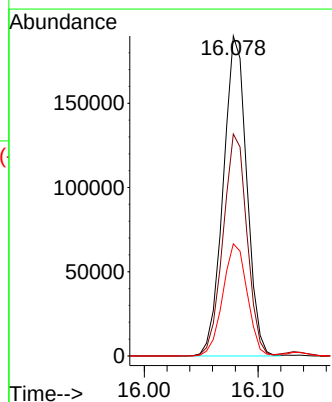
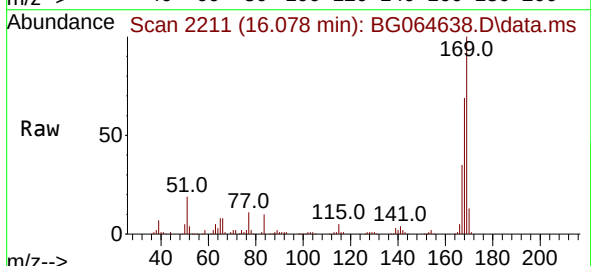
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

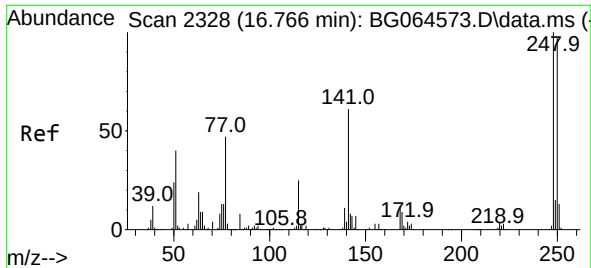
Supervised By :mohammad
ahmed
11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 41.575 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:169 Resp: 272742
Ion Ratio Lower Upper
169 100
168 69.3 56.3 84.5
167 35.1 29.0 43.6





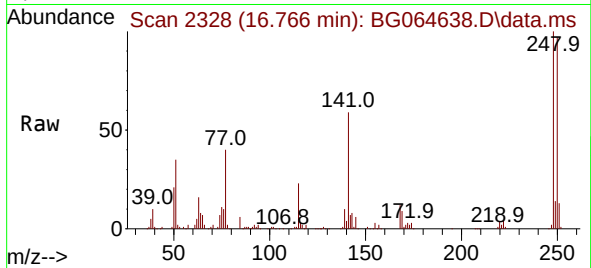
#67
4-Bromophenyl-phenylether
Concen: 41.543 ng
RT: 16.766 min Scan# 2328
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS



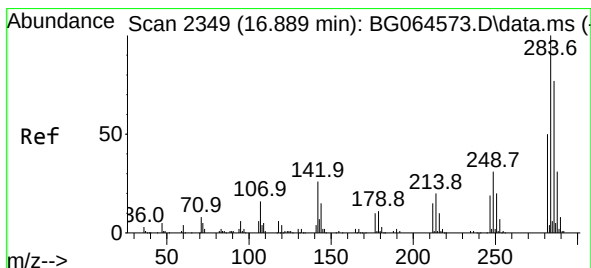
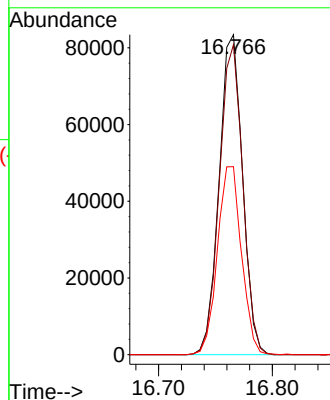
Tgt Ion:248 Resp: 119558
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 58.8 48.6 72.8

Manual Integrations

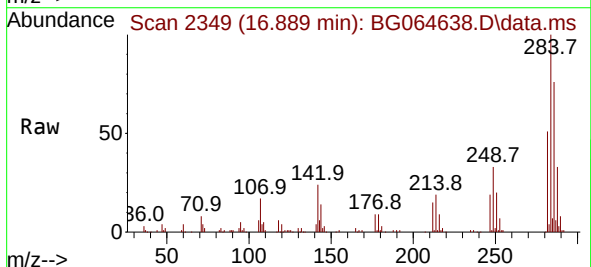
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

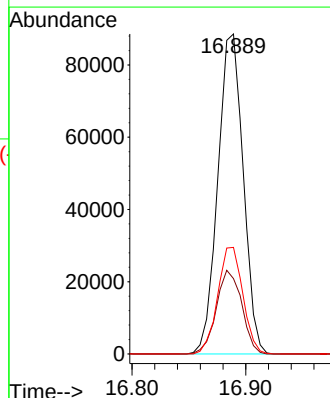
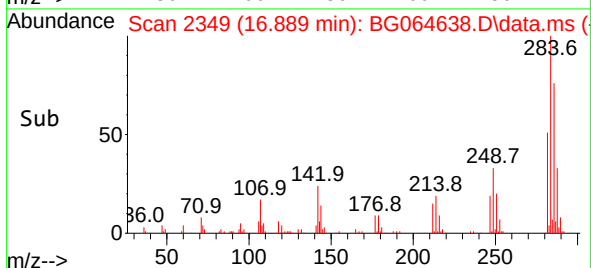
Supervised By :mohammad
ahmed
11/05/2025

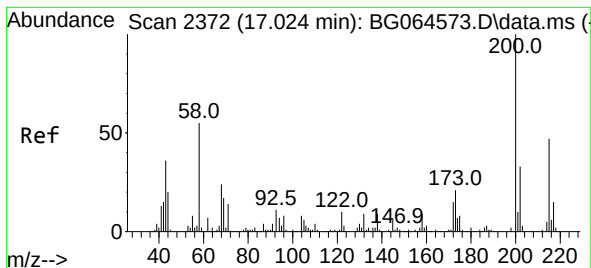


#68
Hexachlorobenzene
Concen: 41.805 ng
RT: 16.889 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



Tgt Ion:284 Resp: 137259
Ion Ratio Lower Upper
284 100
142 23.5 21.0 31.6
249 33.3 24.9 37.3





#69

Atrazine

Concen: 42.139 ng

RT: 17.018 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

Tgt Ion:200 Resp: 11896

Ion Ratio Lower Upper

200 100

173 24.9 0.9 40.9

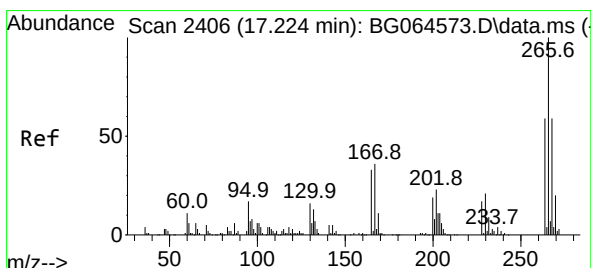
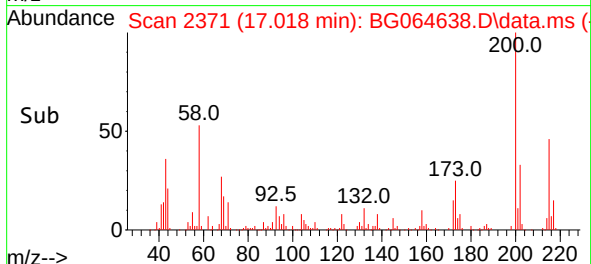
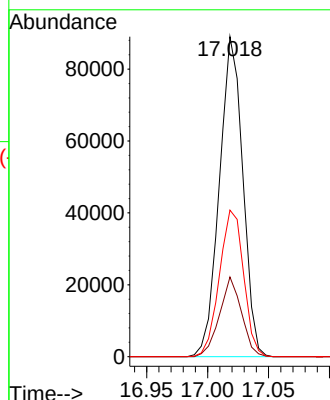
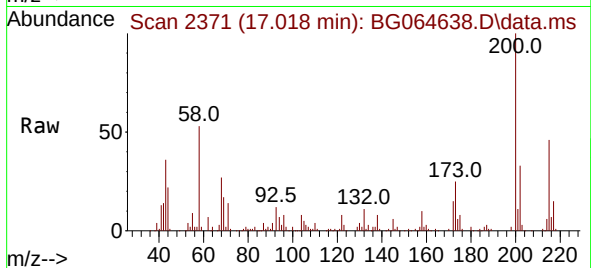
215 45.8 27.0 67.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Supervised By :mohammad
ahmed
11/05/2025



#70

Pentachlorophenol

Concen: 93.775 ng

RT: 17.224 min Scan# 2406

Delta R.T. -0.000 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

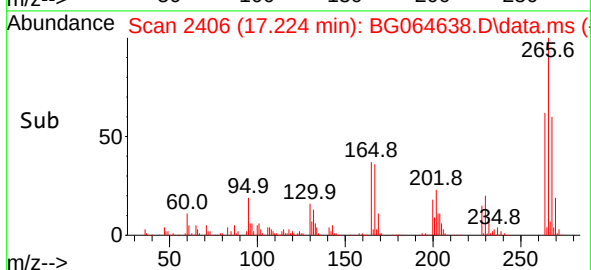
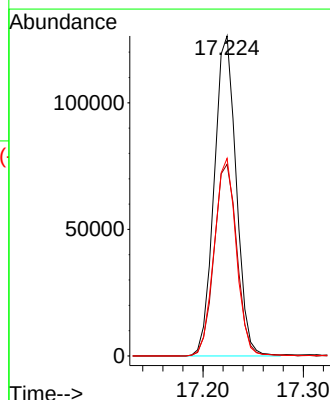
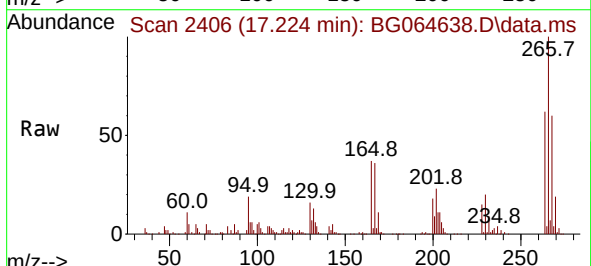
Tgt Ion:266 Resp: 191995

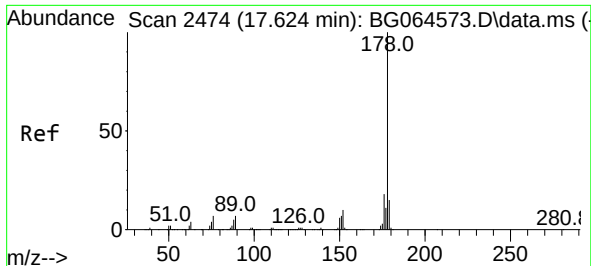
Ion Ratio Lower Upper

266 100

268 64.1 50.3 75.5

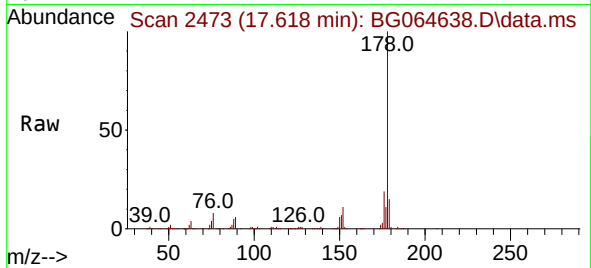
264 61.8 47.3 70.9





#71
Phenanthrene
Concen: 40.428 ng
RT: 17.618 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

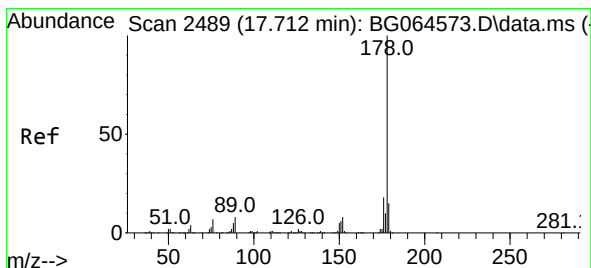
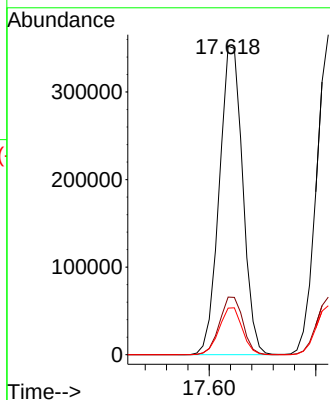


Tgt Ion:178 Resp: 53691
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.1 12.2 18.4

Manual Integrations
APPROVED

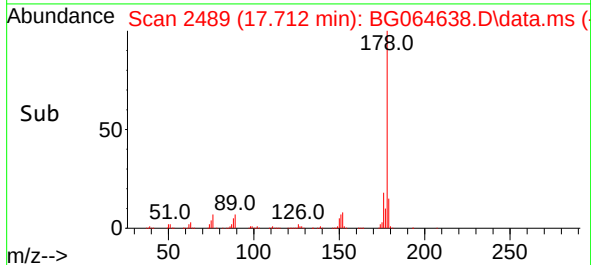
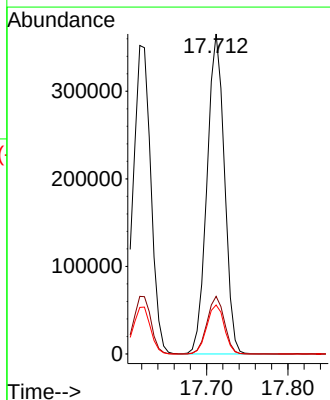
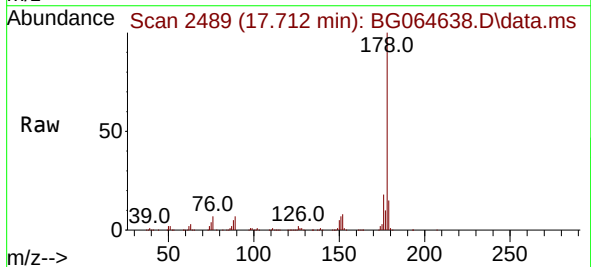
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

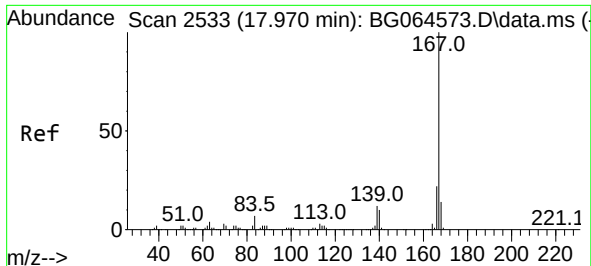
Supervised By :mohammad
ahmed
11/05/2025



#72
Anthracene
Concen: 40.216 ng
RT: 17.712 min Scan# 2489
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:178 Resp: 543314
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 15.3 12.4 18.6





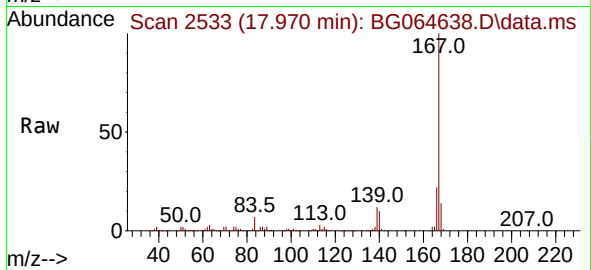
#73
 Carbazole
 Concen: 41.286 ng
 RT: 17.970 min Scan# 2533
 Delta R.T. -0.000 min
 Lab File: BG064638.D
 Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS



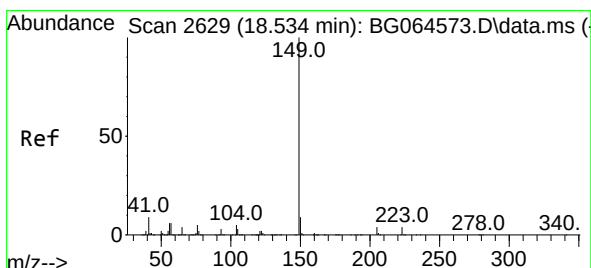
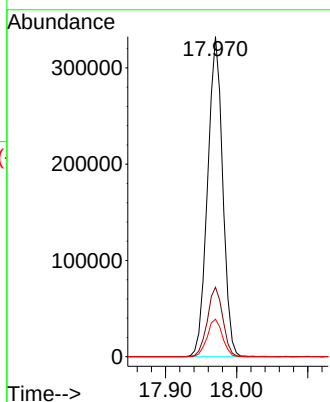
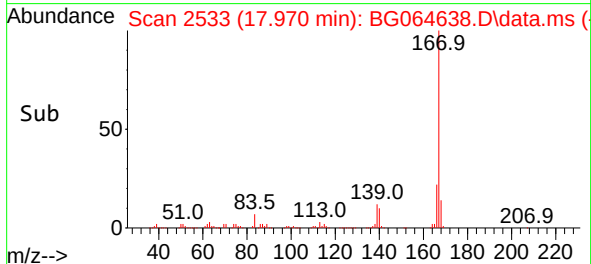
Tgt Ion:167 Resp: 49185
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 11.7 9.7 14.5

Manual Integrations

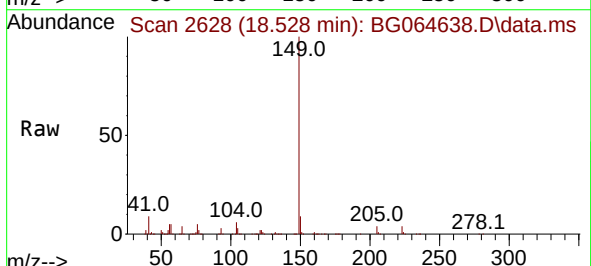
APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

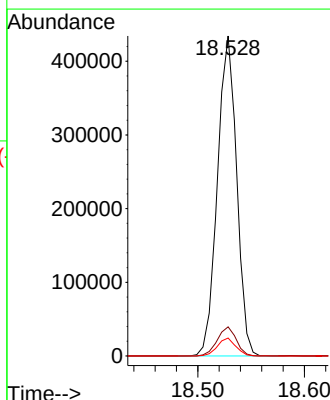
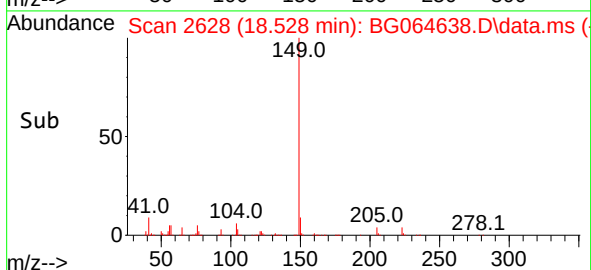
Supervised By :mohammad
 ahmed
 11/05/2025

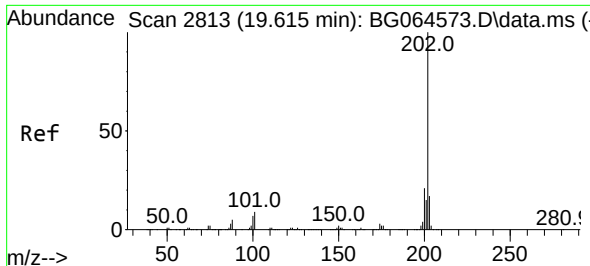


#74
 Di-n-butylphthalate
 Concen: 39.438 ng
 RT: 18.528 min Scan# 2628
 Delta R.T. -0.006 min
 Lab File: BG064638.D
 Acq: 30 Oct 2025 12:58



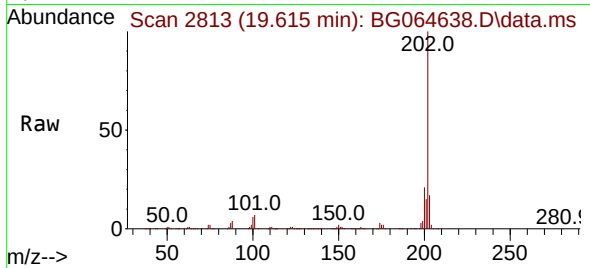
Tgt Ion:149 Resp: 543306
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.0 10.6
 104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 41.581 ng
RT: 19.615 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

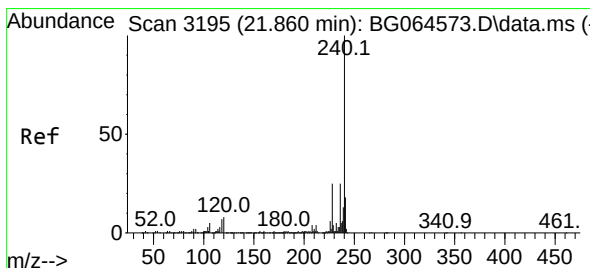
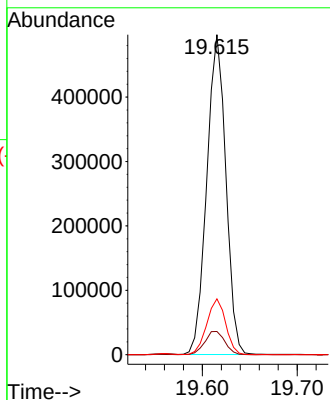
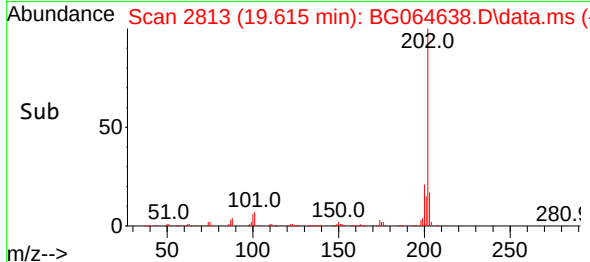


Tgt Ion:202 Resp: 691810
Ion Ratio Lower Upper
202 100
101 7.3 0.0 28.7
203 17.4 0.0 37.0

Manual Integrations
APPROVED

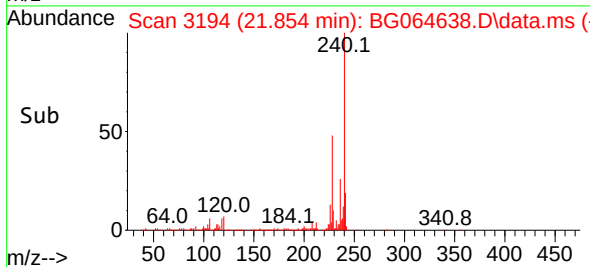
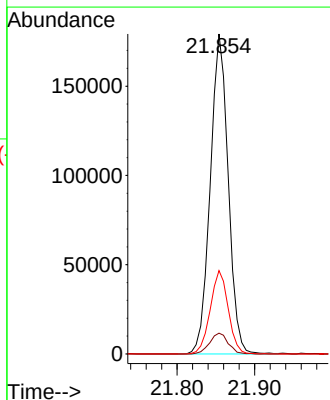
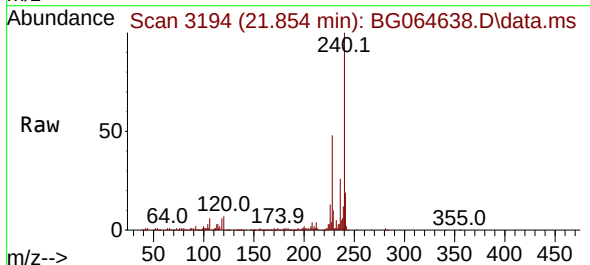
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

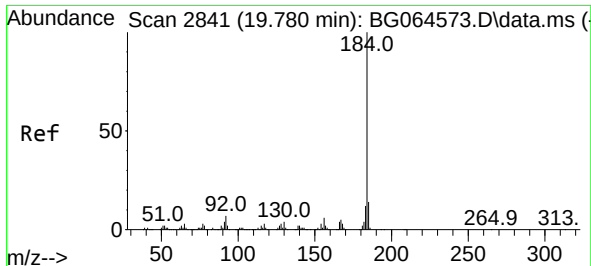
Supervised By :mohammad
ahmed
11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

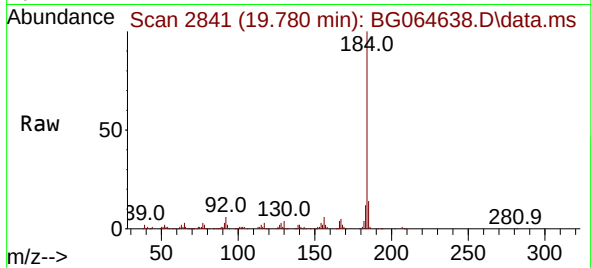
Tgt Ion:240 Resp: 288177
Ion Ratio Lower Upper
240 100
120 6.5 6.5 9.7
236 26.1 20.2 30.2





#77
Benzidine
Concen: 25.613 ng
RT: 19.780 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument : BNA_G
ClientSampleId : PB170286BS

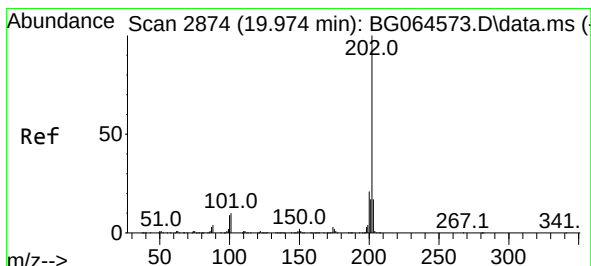
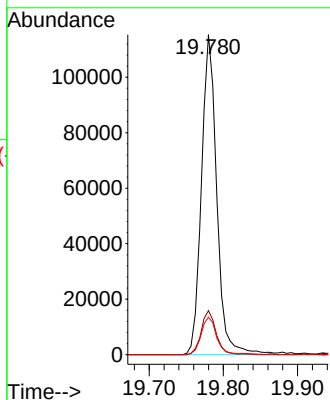
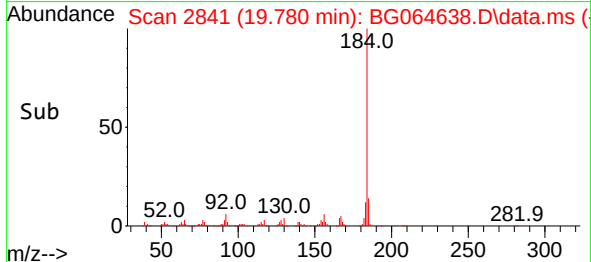


Tgt Ion:184 Resp: 165360
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.2
183 11.7 9.4 14.2

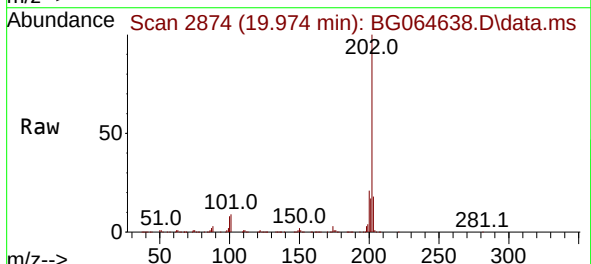
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

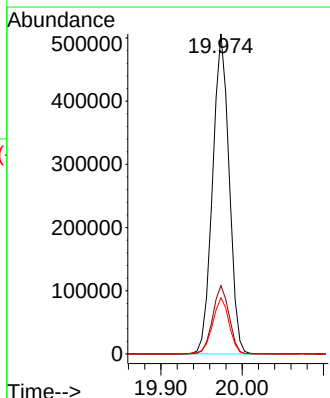
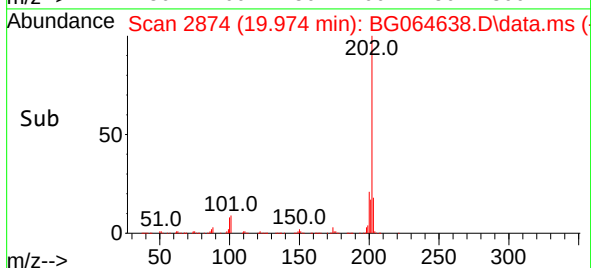
Supervised By :mohammad
ahmed
11/05/2025

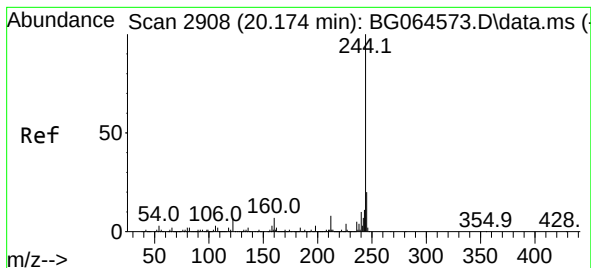


#78
Pyrene
Concen: 38.023 ng
RT: 19.974 min Scan# 2874
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58



Tgt Ion:202 Resp: 715895
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 79.462 ng

RT: 20.168 min Scan# 2908

Delta R.T. -0.006 min

Lab File: BG064638.D

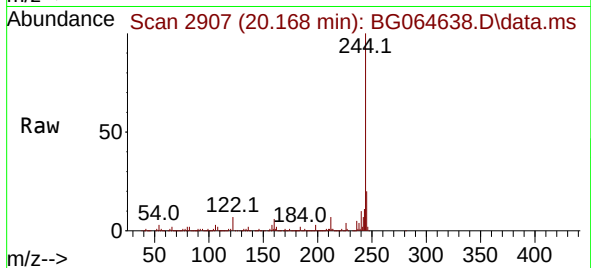
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS



Tgt Ion:244 Resp: 121341

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

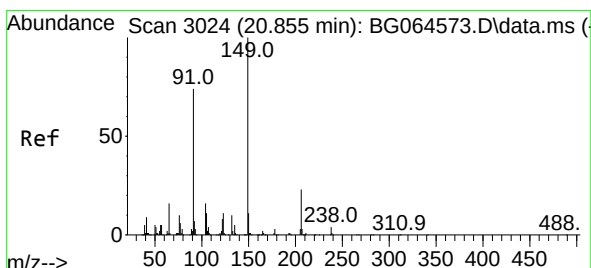
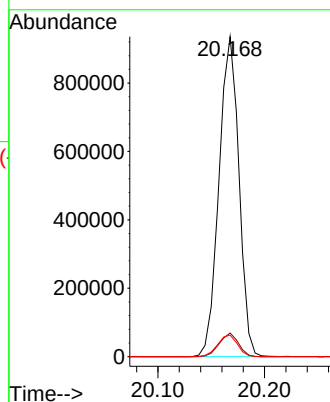
122 6.8 5.6 8.4

Manual Integrations

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Supervised By :mohammad ahmed 11/05/2025

Supervised By :mohammad
ahmed
11/05/2025



#80

Butylbenzylphthalate

Concen: 43.371 ng

RT: 20.849 min Scan# 3023

Delta R.T. -0.006 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

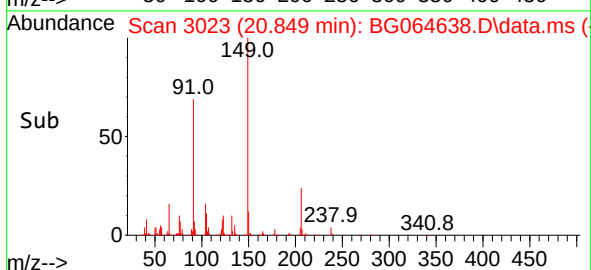
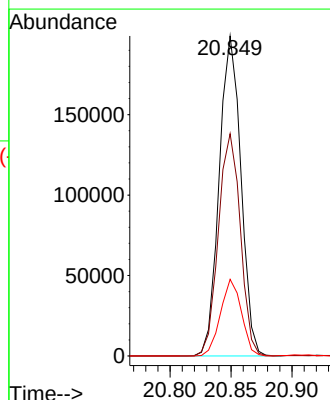
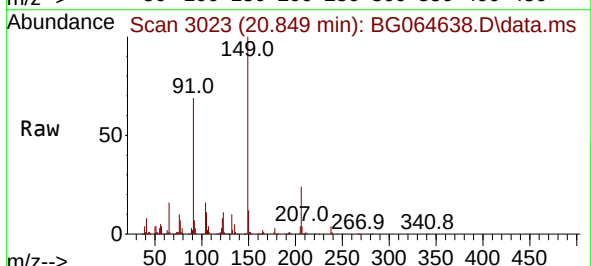
Tgt Ion:149 Resp: 246800

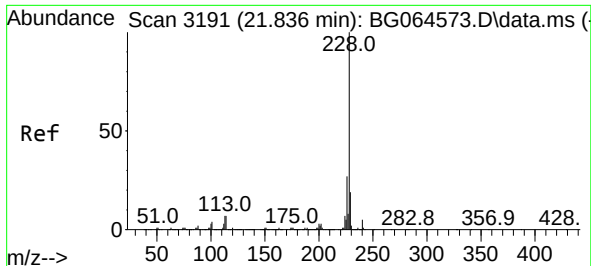
Ion Ratio Lower Upper

149 100

91 69.4 59.2 88.8

206 23.9 18.1 27.1





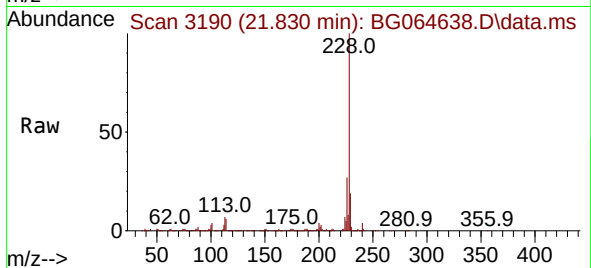
#81
Benzo(a)anthracene
Concen: 40.666 ng
RT: 21.830 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

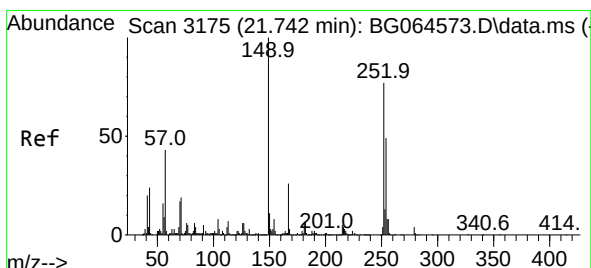
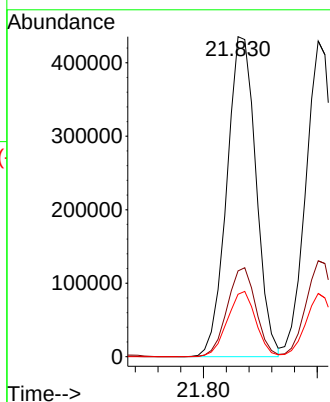
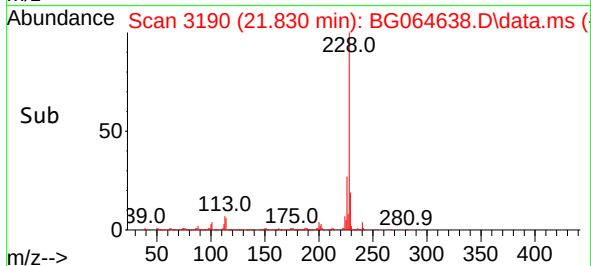


Tgt Ion:228 Resp: 777040
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.5 15.6 23.4

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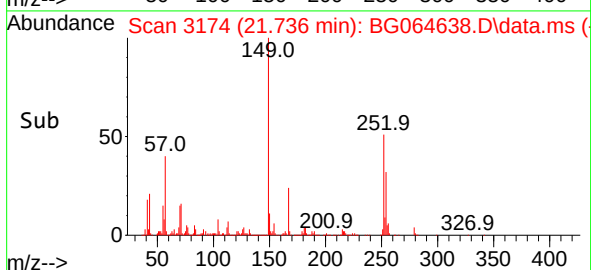
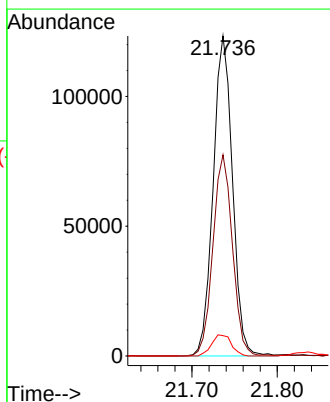
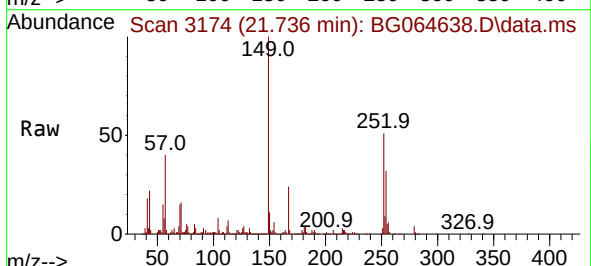
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

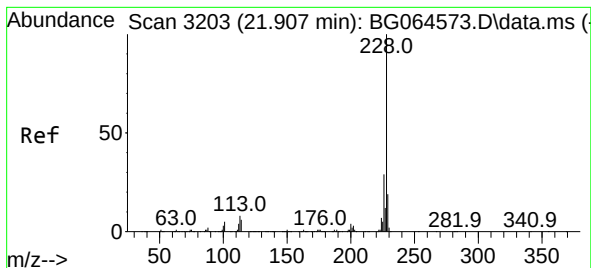
Supervised By :mohammad
ahmed
11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 30.468 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:252 Resp: 194405
Ion Ratio Lower Upper
252 100
254 62.9 50.8 76.2
126 6.3 5.8 8.6





#83

Chrysene

Concen: 40.161 ng

RT: 21.901 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

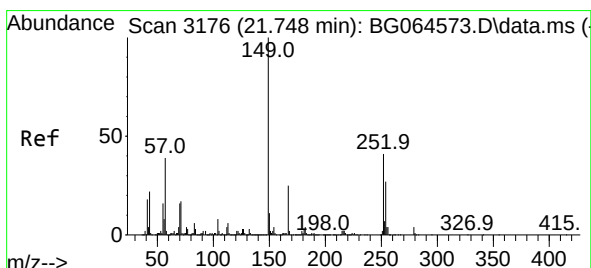
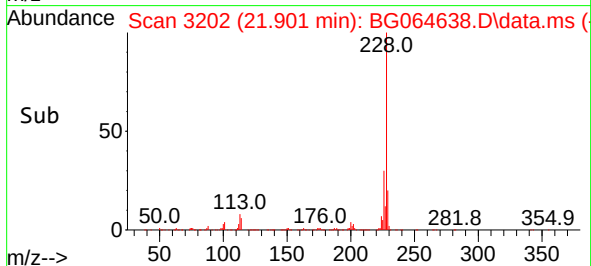
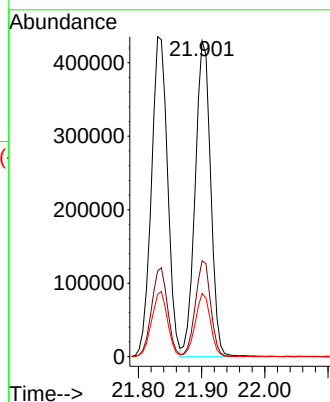
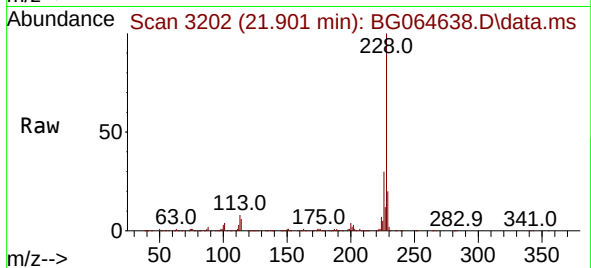
Tgt Ion:	228	Resp:	730189
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.3	34.9
229	20.0	15.2	22.8

Manual Integrations

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ahmed
11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.916 ng

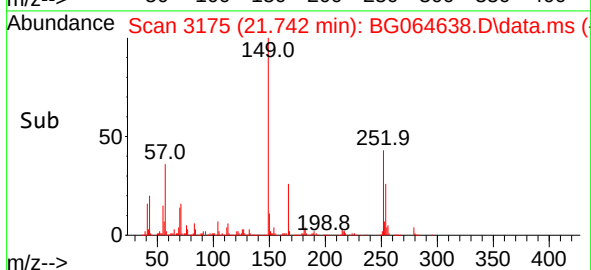
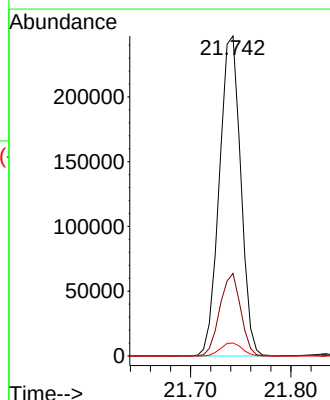
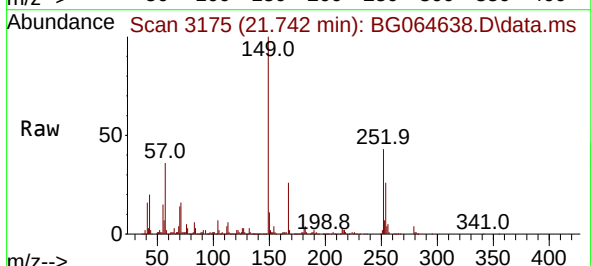
RT: 21.742 min Scan# 3175

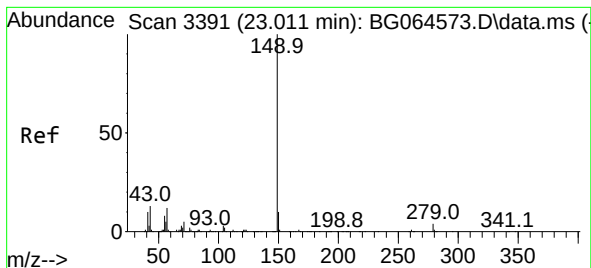
Delta R.T. -0.006 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

Tgt Ion:	149	Resp:	364913
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.0	30.0
279	4.1	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 44.506 ng

RT: 23.000 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG064638.D

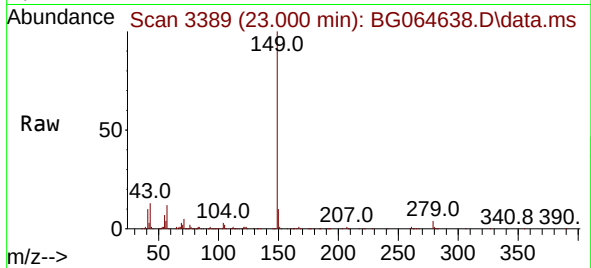
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS



Tgt Ion:149 Resp: 638034

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

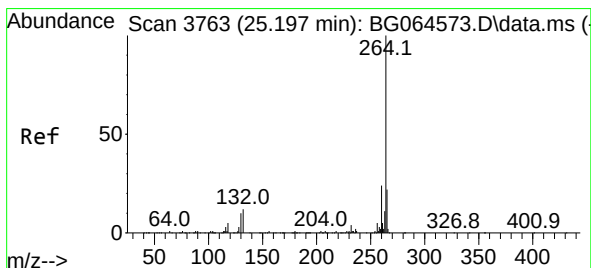
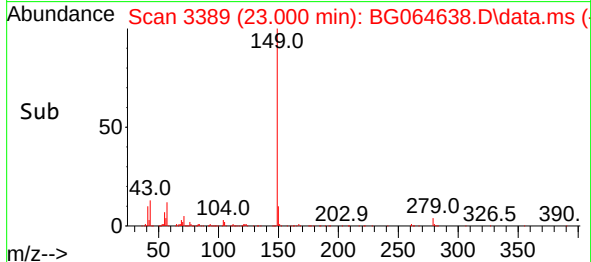
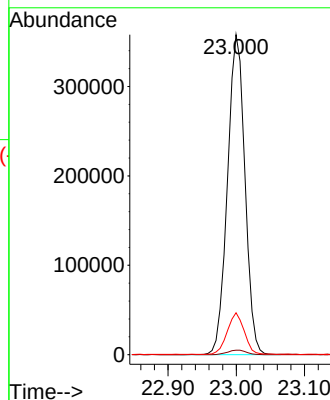
43 12.7 10.8 16.2

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Supervised By :mohammad ahmed 11/05/2025

Supervised By :mohammad
ahmed
11/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.197 min Scan# 3763

Delta R.T. -0.000 min

Lab File: BG064638.D

Acq: 30 Oct 2025 12:58

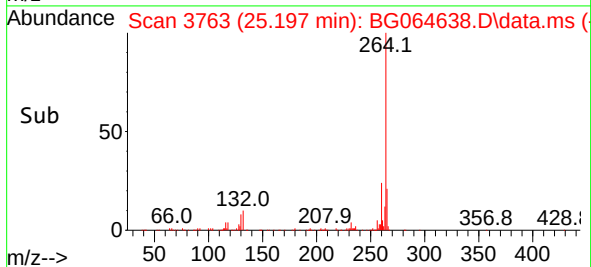
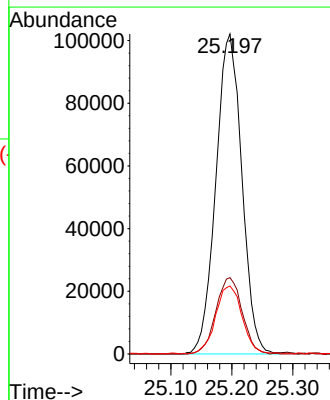
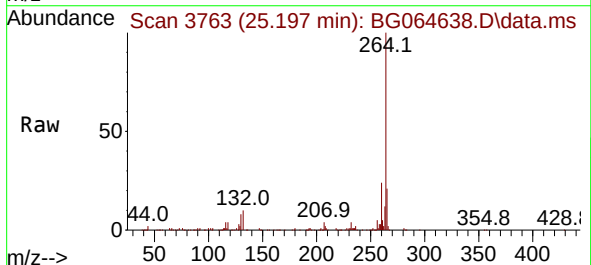
Tgt Ion:264 Resp: 302049

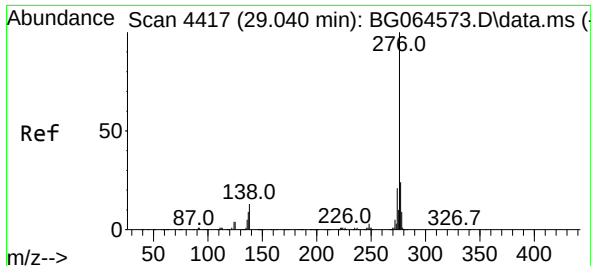
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.2 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.302 ng
RT: 29.028 min Scan# 4417
Delta R.T. -0.012 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

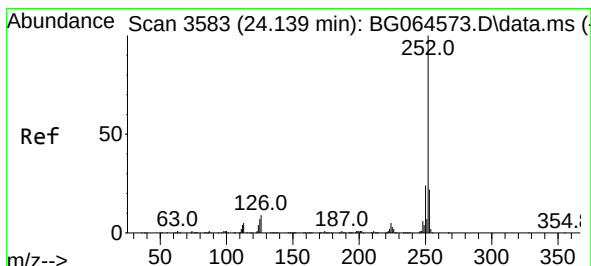
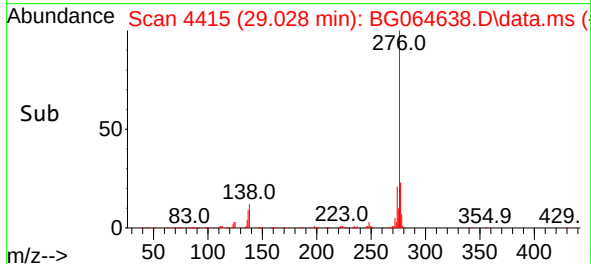
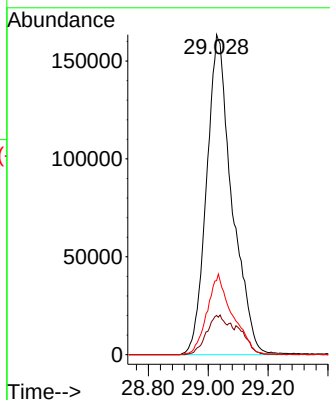
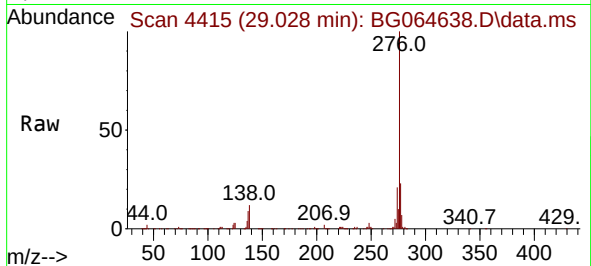
PB170286BS

Tgt Ion:276 Resp: 962160
Ion Ratio Lower Upper
276 100
138 9.2 10.8 16.2
277 25.2 20.1 30.1

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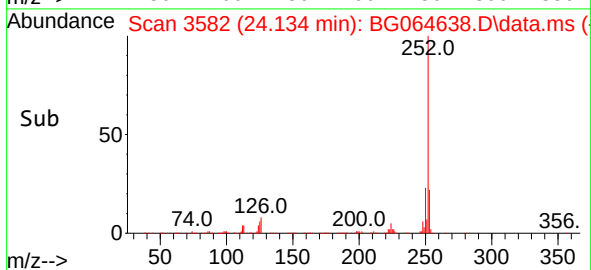
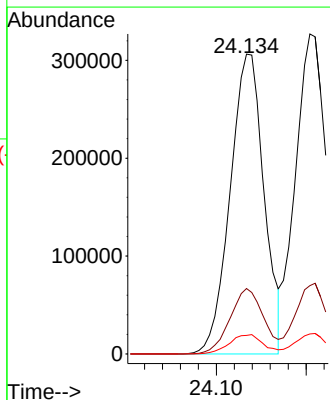
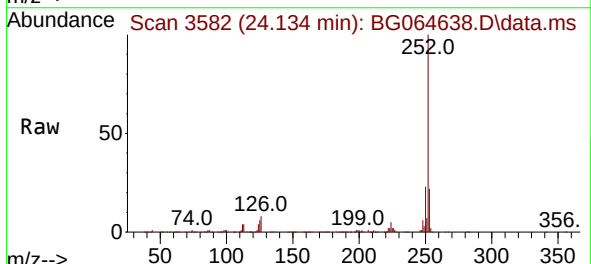
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

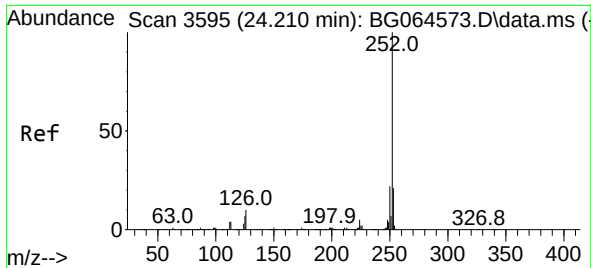
Supervised By :mohammad
ahmed
11/05/2025



#88
Benzo(b)fluoranthene
Concen: 43.290 ng
RT: 24.134 min Scan# 3582
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion:252 Resp: 801805
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 6.2 5.6 8.4





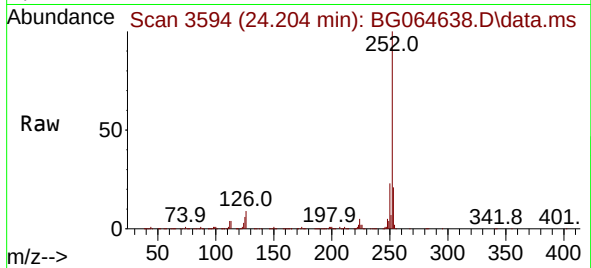
#89
Benzo(k)fluoranthene
Concen: 43.067 ng
RT: 24.204 min Scan# 3594
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :

BNA_G

ClientSampleId :

PB170286BS

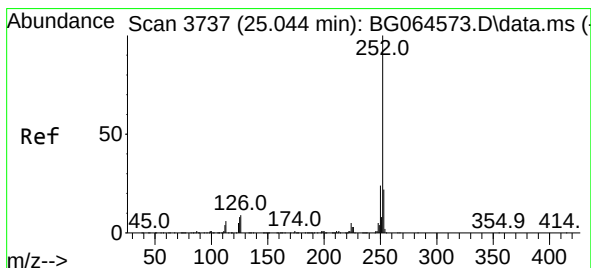
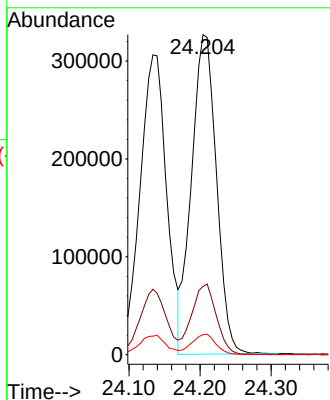
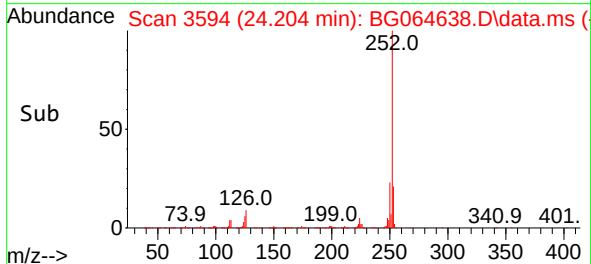


Tgt Ion:252 Resp: 79821
Ion Ratio Lower Upper
252 100
253 21.4 16.8 25.2
125 6.3 5.4 8.0

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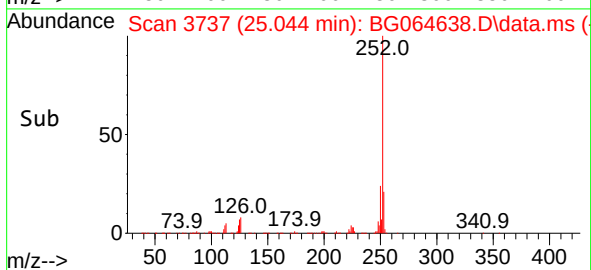
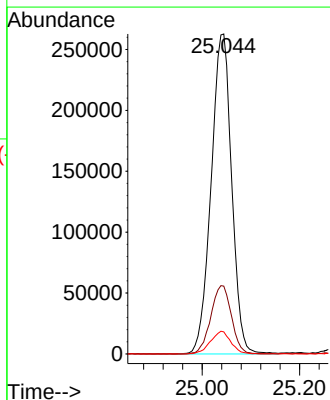
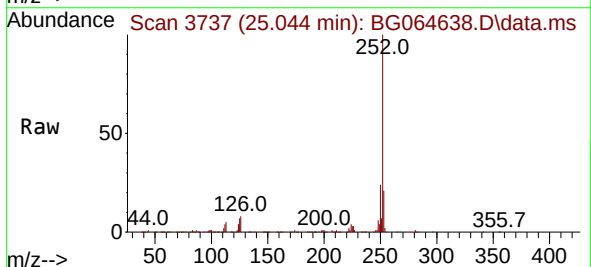
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

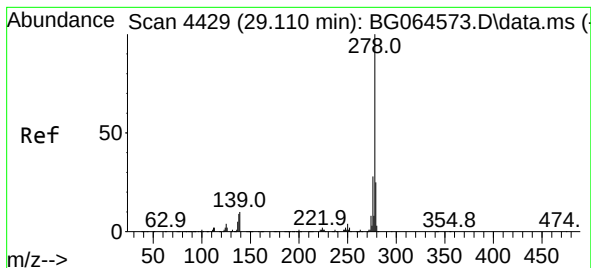
Supervised By :mohammad
ahmed
11/05/2025



#90
Benzo(a)pyrene
Concen: 45.132 ng
RT: 25.044 min Scan# 3737
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

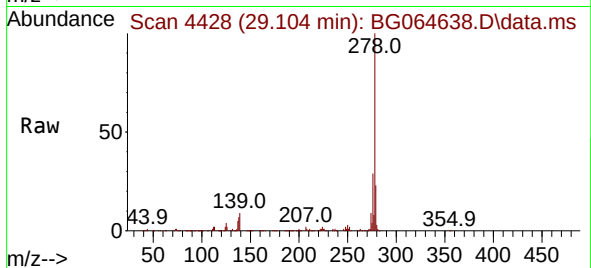
Tgt Ion:252 Resp: 768387
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 6.9 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 43.720 ng
RT: 29.104 min Scan# 4429
Delta R.T. -0.006 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Instrument :
BNA_G
ClientSampleId :
PB170286BS

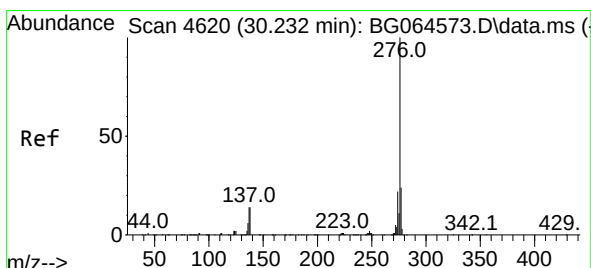
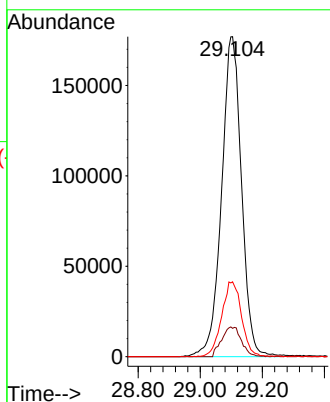
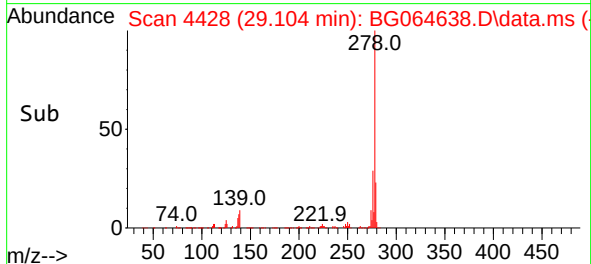


Tgt Ion: 278 Resp: 78922
Ion Ratio Lower Upper
278 100
139 8.8 8.0 12.0
279 23.4 19.8 29.6

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Supervised By :mohammad
ahmed
11/05/2025



#92
Benzo(g,h,i)perylene
Concen: 45.214 ng
RT: 30.232 min Scan# 4620
Delta R.T. -0.000 min
Lab File: BG064638.D
Acq: 30 Oct 2025 12:58

Tgt Ion: 276 Resp: 779694
Ion Ratio Lower Upper
276 100
277 22.5 19.1 28.7
138 13.1 11.3 16.9

